



Marlin Environmental, Inc.

2nd QUARTERLY REPORT

**CITY OF Sycamore
Harvester Square Brownfield
Former DiNicola Property
370 SOUTH AVENUE
SYCAMORE, ILLINOIS**

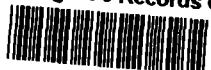
Prepared for:

Mr. Bill Nicklaus, City Manager
City of Sycamore
308 WEST STATE STREET
Sycamore, Illinois, 60178

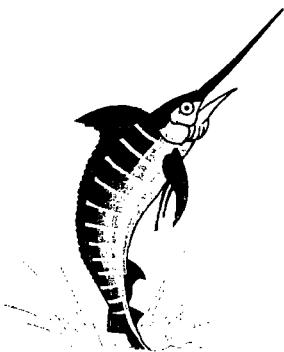
Prepared by:

MARLIN ENVIRONMENTAL, INC.
1000 West Spring Street
South Elgin, Illinois 60177

EPA Region 5 Records Ctr.



238430



Marlin Environmental, Inc.

November 29, 2004

Mr. Mark T. Books
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Office of Brownfields Assistance – Bureau of Land
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: 2nd Quarter Report (July 8, 2004 through October 7, 2004)
City of Sycamore – Former DiNicola Property (Harvester Square)
370 South Avenue
Sycamore, IL

Dear Mr. Books:

Marlin Environmental, Inc., on behalf of the City of Sycamore, respectfully submits this report documenting the activities conducted during the second quarter (July 8, 2004 through October 7, 2004) of the binding grant agreement between the City of Sycamore and the State of Illinois.

Submitted with the quarterly report is the second reimbursement claim for this project (in excess of 90 days has passed since initial reimbursement). The reimbursement claim covers the costs associated with Phases I and II of the brownfield grant project proposal as specifically outlined in the binding grant agreement.

If you have any questions, please do not hesitate to call us at (847) 468-8855.

Sincerely,

MARLIN ENVIRONMENTAL, INC.

A handwritten signature in black ink that reads "Thomas M. Mangan".

Thomas M. Mangan, IL PG
Senior Project Manager

A handwritten signature in black ink that reads "Kyle Webb".

Kyle R. Webb
Project Manager

C: Mr. Bill Nicklaus, City Manager for Sycamore
C: Mr. Scott Hacke, IEPA Site Remediation Program

C. Final Report Requirements

The following information should be included as a brief narrative in an attachment to this form for the Final Report to be submitted at the end of the grant term:

1. An all-inclusive summary of how the tasks described in the approved project plan, including original scope of work and all approved amendments, have been fulfilled;
2. An evaluation of whether the projected benefits to the community were realized;
3. An assessment of the overall project, taking into consideration the following:
 - a. What problems were encountered?
 - b. How well did the City communicate with the site owner and the consultant?
 - c. Did the scope of work change over time?
 - d. What would the City recommend to improve the Illinois EPA's administration of the program?
4. A brief description of what will happen next at the site(s) and what the cleanup and redevelopment plans are;
5. A budget summary indicating what areas of the project were over-budgeted and/or under-budgeted;
6. Photographs of the completed project site(s); and
7. A completed Match Funding Certification, on a form provided by the Agency, certifying that the required, local match has been met in accordance with 35 Ill. Admin. Code Section 885.200(d).

If the grantee fails to timely submit quarterly progress reports or a final report, the Agency may impose any of the sanctions set forth in 35 Ill. Admin. Code Part 885 Subpart C.

D. Signature

Duly Authorized Municipal Official

Name (print or type): BILL NICKLAS

Title: CITY MANAGER

Telephone Number: 815-895-4853

Signature: 

Date: 11/30/04

A. Grant Information

Name of Municipality: City of Sycamore, Illinois

Grant Agreement Date: April 8, 2004

Quarterly Report #: Quarter #2

Reporting Period: July 8, 2004 through October 7, 2004

SRP Enrollment Date: December 6, 2002

Copy of SRP Enrollment Attached: X YES NO

Final Report: YES X NO

B. Documentation of Grant Activities

1. The site was enrolled into the Site Remediation Program (SRP) as of December 6, 2002. Mr. Scott Hacke is currently the IEPA SRP Project Manager. A copy of the enrollment application is included in **Attachment 1**.

2. Please refer to the first quarter report for this facility for detailed accounts of events that transpired from the grant activation date through July 7, 2004.

On July 28, 2004, Mr. Kyle Webb of Marlin Environmental, Inc. met with the members of the Joint Utility Location Information for Excavators (JULIE) Network and the City of Sycamore Sewer and Water Department to discuss potential soil boring / monitoring well locations for the upcoming invasive subsurface soil and groundwater investigation to be performed inside of the facility and outside of the facility on City property per the binding grant agreement. From this meeting at the facility, the City of Sycamore and Marlin Environmental, Inc. came to learn that several water lines / water mains still existed both inside and outside of the facility. These water utilities are predominantly still active and/or interconnected within the municipal water supply distribution framework. Much of the Harvester Square facility had an overhead fire protection system that apparently still has many active water feeds. These feeds are off, but if the connections were damaged beyond the shut-off point by invasive boring or through vibration given their ages then these feeds could be compromised, potentially compromising the city water supply in this part of town.

The water feed to the water tower is believed to be located within the facilities basement which has been documented to be at least 40 feet by 100 feet in dimensions (*Sycamore True Republican*, June 17, 1871) and is feared to still be active with the shut-off somewhere within the basement, which is now inaccessible.

In the alleyway directly adjacent to the eastern walls of the factory footprint, where the old rail spurs previously existed, there are several suspected water, and/or sewer lines so old they do not appear on municipal utility maps but are feared still active. These water lines are known only through City files so old that they do not appear on current (past 50 years) public facility grid maps. This information, and the fact that any damage to a public water facility inside of a known hazardous waste facility would be obviously catastrophic, caused Marlin Environmental, Inc. to employ caution and curtail the total number of soil borings, since only so many "clear" areas were available in only so many different locales. This information and its impact on the investigative efforts were not fully realized at the time of the grant proposal abstract and subsequent award.

On August 2 through August 5, 2004 Mr. Kyle Webb and Mr. Thomas Mangan conducted the soil boring / monitoring well installation actions at the facility as described in the approved grant. Exceptions to the planned soil boring placements include the soil boring locations inside of Blackhawk Moving and Storage due to continued safe access problems, and those soil borings inside of the building that were potentially located near suspected water mains and/or inside of structurally unstable/unsafe building locales (as with rooms I, J, and K). Twenty (20) soil borings were advanced by a Geoprobe®, nine (9) shallow monitoring wells were advanced using hollow stem auger drilling methods, and three (3) shallow soil probes were conducted by hand auger, since greenery stock at Blumen Gardens prohibited reasonable access to the rig without risking loss to inventory. Blumen Gardens did not prohibit access in any way to be clear, but it was more logically reasonable to obtain hand samples instead of Geoprobe® samples in some locales on Blumen property.

In addition, two (2) outfall source sediment samples were collected from two (2) drainpipes identified on the **Site Plan**. These outfall pipes are suspected to lead almost directly from the Harvester Square facility to Martin's Ditch, which drains eventually to the Kishwaukee River. These drains and their potential historical impact to the community at large need further study outside of the binding grant agreement scope.

Each soil boring was continuously sampled and inspected by Mr. Webb and Mr. Mangan. Mr. Mangan was in contact during this period with Mr. Bill Nicklaus of the City of Sycamore, and Mr. Mark Books of the IEPA and kept both parties abreast of activities. Mr. Webb provided constant oversight for the advancement of each soil boring. Mr. Webb and Mr. Adam Bauer conducted the hand samples. The geology of the site, as anticipated based upon previous soil borings and through study of the local soil strata, consisted of approximately three (3) to nine (9) feet of historical backfill debris underlain by stiff "native" clayey silt and silty clay till. Several borings demonstrated coarse

sand and gravel seams of three (3) to nine (9) inch thickness within the predominantly stiff clay geologic material. The soil boring logs printed on forms provided and prescribed by the IEPA, are included as **Attachment 2**. Soil boring locations are illustrated on the updated Site Plan as well as the room detail illustrations provided in the **Figures** section. The native soil strata was uniform across the area with the amount of fill inside the building two (2) or three (3) times the amount just outside of the facility, as expected.

On August 10, 2004, Mr. Webb and Mr. Bauer, on the instructions of Mr. Mangan, returned to the facility to conduct the groundwater sampling activities. Static water level elevations were obtained for each well prior to sampling to try and establish groundwater flow information. Each well was purged and sampled using a disposable Heavy Density Polyethylene (HDPE) bailer and disposable nylon rope. The groundwater samples were successfully collected and submitted to First Environmental Laboratory of Naperville (Illinois Environmental Laboratory Accreditation Certification #100292) for analysis.

Soil borings were advanced by Enviro-Dynamics, LLC and analytical testing was conducted by First Environmental, Inc., per the binding Grant agreement.

Soil and groundwater analytical data from the exploratory round of subsurface investigation at the Harvester Square facility has been collected and interpreted by Mr. Kyle Webb, Mr. Thomas Mangan, Mr. Chad Gilson, and Mr. Robert Renguso of Marlin Environmental, Inc. in cooperation with Mr. Robert Bayr, PE. The soil laboratory analytical reports are included as **Attachment 3**. The groundwater analytical laboratory reports are included as **Attachment 4**. The groundwater data is summarized in **Table I**. The groundwater data has been compared to the IEPA TACO Tier 1 Class I Groundwater Remediation Objectives (GROs) and/or those objectives specifically given to Mr. DiNicola during previous Agency correspondence for metals analysis. The soil analytical results are summarized in **Table II**. This table is broken up to illustrate the results inside of the facility, outside of the facility, and within Martin's Ditch.

Soil data is compared to IEPA Tiered Approach to Corrective Action (TACO) Soil Remediation Objectives per 35 IAC 742 and those objectives expressly applied to this facility and Mr. DiNicola for metals analysis in previous Agency correspondence with DiNicola. Soil data is being compared to the soil ingestion/inhalation exposure pathways since a citywide groundwater usage restriction ordinance shall be enforced to eliminate the soil component of the groundwater ingestion exposure route.

The results of the first round of soil and groundwater analytical testing indicates that Polynuclear Aromatic Hydrocarbon (PAH/PNA) contamination, Volatile Organic Compound (VOC) contamination in the form of Carbazole, and site-specific historical metals (Lead and Arsenic) contamination is present beneath the facility, outside of the facility, and within the creek bed of Martin's Ditch in excess of the applicable IEPA TACO SRO/GRO standards and in excess of IEPA site specific standards (established by prior RCRA CUOs for Hazardous Waste Management Units).

A meeting between Marlin Environmental, Inc., the City of Sycamore, the IEPA SRP and Mr. Mark Books of the IEPA is in order to discuss the results and determine how best to proceed with further soil/groundwater testing in light of new concerns discussed earlier within this section of the report.

It is of paramount importance to make clear that due to unforeseen constraints, not all desired locations were conducive to investigation at this time. Blackhawk Moving and Storage property needs to be investigated and partial demolition needs to be conducted to clear additional debris, locate water mains and create a safe enough work environment for exploration of the rest of the facility since the rooms I, J and K are suspected to be among the most potentially impacted locations within the facility since these rooms contain suspect UST locations and were along the historical rail line servicing the facility. Rooms I, J and K are currently inaccessible due to further building decay since the time of the binding grant agreement.

Prior to any additional efforts outside of the binding grant agreement, a discussion with the parties referenced above should be conducted. Suspect asbestos confirmation testing within the proposed partial demolition area needs to be conducted prior to said demolition being scheduled. A grant amendment shall need to be drafted for further investigative work before preparation of the federal grant.

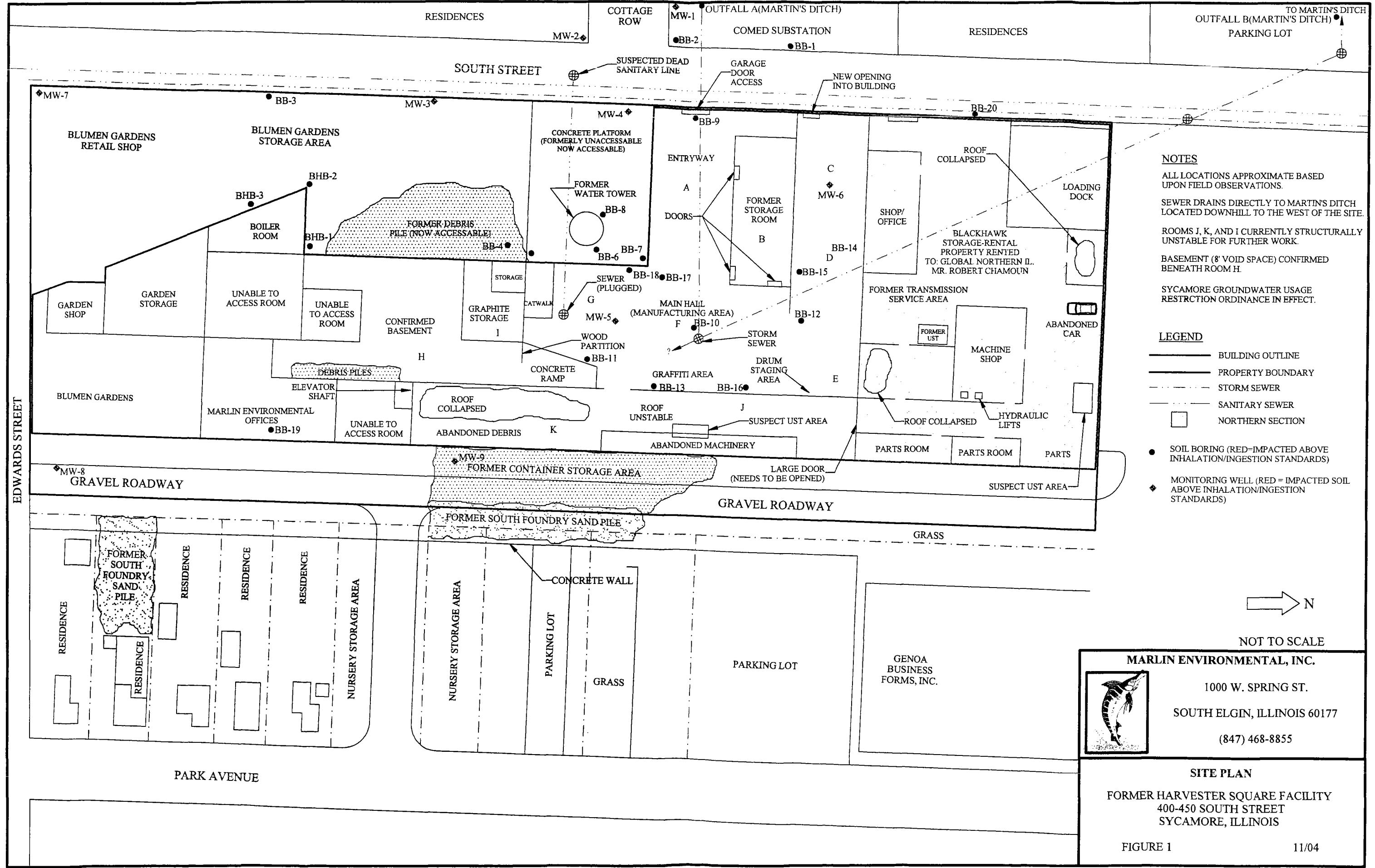
3. There is nothing to be added to the agreement this quarter. Modifications to the grant need to be discussed with the Agency.
4. There is no change in ownership or intended use of the Brownfields site during this quarterly reporting period.
5. There are no land usage changes within the quarterly reporting period.

6. The report by ART, Inc. summarizing the Phase I discovery and drum sampling activities are included as **Attachment 5**. Waste Management experts are currently evaluating drum analytical results and the opinions given shall help dictate further drum sampling and help facilitate disposal coordination for over an estimated 220 drums.
7. In early June of 2004, Marlin Environmental, Inc. and the City of Sycamore learned that Blackhawk Moving and Storage was actively leasing their portion (northern section "M") of the former DiNicola facility to tenants who were still actively conducting business operations. Apparently these tenants have been told by Blackhawk to vacate the premises and remove all of their ancillary equipment and materials. Blackhawk supposedly sent their tenants a letter requesting their removal of all equipment and debris/materials by October 31, 2004, when the lease expires. Due to these tenant conditions, Marlin Environmental, our subcontractors, and/or the City of Sycamore has not accessed this portion of the building for grant investigation efforts during Quarter #1 or Quarter #2.

Until these tenants have vacated the premises, and removed their equipment and materials, or until otherwise stated by Blackhawk Moving and Storage representatives, this northern portion of the former DiNicola property designated as Area "M" shall not be investigated as a part of the Brownfields remedial activities. This section of the former Harvester Square facility is still a part of the Brownfields project. Mr. Nicklaus and Mr. Mangan will verbally supply further updates to Mr. Books during this reporting period. Marlin Environmental, Inc. shall begin preparation of the grant amendment following the meeting between the City, IEPA and Marlin Environmental, Inc.

8. Deviations from grant work occurred during this second quarter. These deviations and the rationale behind them are explained in detail in item #2. A meeting between Marlin Environmental, Inc., the IEPA and the City of Sycamore should be conducted to determine a mutually agreeable course of action as to mitigation of these issues.
9. The next quarter, which shall cover October 8, 2004 through January 7, 2005 shall include activities outlined in the binding grant agreement (additional drilling) and those activities outside of the grant, which are now necessary (partial demolition, debris removal, geophysical / air knife exploration).
10. No photographic log was taken for second quarter activities.

FIGURES



TABLES

TABLE I
 Summary of Groundwater Analytical Results
 Former Harvester Square Complex – City of Sycamore
 August 10th of 2004

Parameter	MW-1	MW-2	MW-3	MW-4	MW-5	Tier 1 Groundwater Remediation Objective GROs
Volatile Organic Compounds						
Acetone	<10.0	<10.0	<10.0	<10.0	<10.0	700
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	0.2
Bromoform	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	9.8
2-Butanone	<10.0	<10.0	<10.0	<10.0	<10.0	NR
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	700
Carbon tetrachloride	<5.0	<5.0	29.7	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	100
Chlorodibromomethane	<1.0	<1.0	<1.0	<1.0	<1.0	140
Chloroethane	<10.0	<10.0	<10.0	<10.0	<10.0	NR
Chloroform	<1.0	<1.0	41.6	7.6	<1.0	0.2
Chloromethane	<10.0	<10.0	<10.0	<10.0	<10.0	NR
1,1-Dichloroethane	<5.0	<5.0	<5.0	8.4	<5.0	700
1,2-Dichloroethane	<5.0	<5.0	23.1	<5.0	<5.0	5.0
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	NR
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	NR
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	NR
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
trans-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
Ethyl benzene	<5.0	<5.0	<5.0	<5.0	<5.0	700
2-Hexanone	<10.0	<10.0	<10.0	<10.0	<10.0	NR
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	<10.0	<10.0	NR
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
MTBE	<5.0	<5.0	<5.0	<5.0	<5.0	70
Styrene	<5.0	<5.0	<5.0	<5.0	<5.0	100
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	NR
Tetrachloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	1,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	200
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	NR
Vinyl Acetate	<10.0	<10.0	<10.0	<10.0	<10.0	7,000
Vinyl Chloride	<2.0	<2.0	<2.0	<2.0	<2.0	2.0
Xylenes, total	<5.0	<5.0	<5.0	<5.0	<5.0	10,000

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-6	MW-7	MW-8	MW-9	Tier 1 Groundwater Remediation Objective GROs
Volatile Organic Compounds					
Acetone	<10.0	<10.0	<10.0	<10.0	700
Benzene	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	0.2
Bromoform	<1.0	<1.0	<1.0	<1.0	1.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	9.8
2-Butanone	<10.0	<10.0	<10.0	<10.0	NR
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	700
Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	100
Chlorodibromomethane	<1.0	<1.0	<1.0	<1.0	140
Chloroethane	<10.0	<10.0	<10.0	<10.0	NR
Chloroform	<1.0	<1.0	<1.0	<1.0	0.2
Chloromethane	<10.0	<10.0	<10.0	<10.0	NR
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	700
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	NR
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	NR
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	NR
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	1.0
trans-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	1.0
Ethyl benzene	<5.0	<5.0	<5.0	<5.0	700
2-Hexanone	<10.0	<10.0	<10.0	<10.0	NR
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	<10.0	NR
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
MTBE	<5.0	<5.0	<5.0	<5.0	70
Styrene	<5.0	<5.0	<5.0	<5.0	100
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	NR
Tetrachloroethene	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<5.0	<5.0	<5.0	<5.0	1,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	200
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethene	<5.0	<5.0	<5.0	<5.0	NR
Vinyl Acetate	<10.0	<10.0	<10.0	<10.0	7,000
Vinyl Chloride	<2.0	<2.0	<2.0	<2.0	2.0
Xylenes, total	<5.0	<5.0	<5.0	<5.0	10,000

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-1	MW-2	Tier 1 Groundwater Remediation Objective GROs
Dissolved Metals			
Arsenic	5.0	<2.0	50
Copper	74	6.0	650
Chromium	4.0	<1.0	100
Cadmium	<1.0	<1.0	5.0
Lead	65	<2.0	7.5
Mercury	<0.5	<0.5	2.0
Nickel	17	5.0	100
Zinc	169	9.0	5,000

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

3-Nitroaniline	<50	<50	<50	<50	<50	<50	<50	NR
4-Nitroaniline	<20	<20	<20	<20	<20	<20	<20	NR
Nitrobenzene	<10	3.5						
N-Nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<10	NR
N-Nitroso-di-n-propylamine	<10	1.8						
N-Nitrosodiphenylamine	<10	3.2						
Phenanthrene	<10	<10	<10	<10	<10	<10	<10	NR
Pyrene	<10	<10	<10	<10	<10	<10	<10	210
1,2,4-Trichlorobenzene	<10	<10	<10	<10	<10	<10	<10	70

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	Tier 1 Groundwater Remediation Objective GROs
Acid Compounds								
Benzoic Acid	<50	<50	<50	<50	<50	<50	<50	28,000
4-Chloro-3-methylphenol	<20	<20	<20	<20	<20	<20	<20	NR
2-Chlorophenol	<10	<10	<10	<10	<10	<10	<10	35
2,4-Dichlorophenol	<10	<10	<10	<10	<10	<10	<10	21
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10	140
4,6-Dinitro-2-methylphenol	<50	<50	<50	<50	<50	<50	<50	NR
2,4-Dinitrophenol	<10	<10	<10	<10	<10	<10	<10	14
2-Methylphenol	<10	<10	<10	<10	<10	<10	<10	350
3&4-Methylphenol	<10	<10	<10	<10	<10	<10	<10	NR
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	NR
4-Nitrophenol	<50	<50	<50	<50	<50	<50	<50	NR
Pentachlorophenol	<10	1.0						
Phenol	<10	<10	<10	<10	<10	<10	<10	100
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	700
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	10

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	Tier 1 Groundwater Remediation Objective GROs
Polynuclear Aromatics								
Naphthalene	<10	<10	<10	<10	<10	<10	<10	140
Acenaphthylene	<10	<10	<10	<10	<10	<10	<10	NR
Acenaphthene	<10	<10	<10	<10	<10	<10	<10	420
Fluorene	<2	<2	<2	<2	<2	<2	<2	280
Phenanthrene	<5	<5	<5	<5	<5	<5	<5	NR
Anthracene	<5	<5	<5	<5	<5	<5	<5	2,100
Fluoranthene	<2	<2	<2	<2	<2	2.0	<2	280
Pyrene	<2	<2	<2	<2	<2	<2	<2	210
Benzo[a]anthracene	<0.13	<0.13	<0.13	<0.13	<0.13	0.44	<0.13	0.13
Chrysene	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	1.5
Benzo[b]fluoranthene	<0.18	<0.18	<0.18	<0.18	<0.18	0.32	<0.18	0.18
Benzo[k]fluoranthene	<0.17	<0.17	<0.17	<0.17	<0.17	0.23	<0.17	0.17
Benzo[a]pyrene	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	<0.2	0.2
Indeno[1,2,3-cd]pyrene	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.43
Dibenzo[a,b]anthracene	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.3
Benzo[g,h,i]perylene	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NR

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-3	MW-6	Tier 1 Groundwater Remediation Objective GROs
PCBs			
Aroclor 1016	<0.50	<0.50	0.5
Aroclor 1221	<0.50	<0.50	0.5
Aroclor 1232	<0.50	<0.50	0.5
Aroclor 1242	<0.50	<0.50	0.5
Aroclor 1248	<0.50	<0.50	0.5
Aroclor 1254	<0.50	<0.50	0.5
Aroclor 1260	<0.50	<0.50	0.5

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

Parameter	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	Tier 1 Groundwater Remediation Objective GROs
PH /Metals								
pH @ 25 degrees C	7.09	7.14	7.33	7.83	6.99	7.16	7.19	--
Arsenic	0.004	<0.002	0.004	0.004	<0.002	<0.002	<0.002	50
Copper	0.031	0.004	0.006	<0.001	0.002	0.003	<0.001	650
Chromium	<0.001	0.002	<0.001	0.003	<0.001	<0.001	<0.001	5.0
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	100
Lead	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	7.5
Mercury	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	2.0
Nickel	0.008	0.003	0.025	0.005	0.009	<0.002	0.002	100
Zinc	0.030	0.010	0.010	<0.005	0.005	0.017	<0.005	5,000

Notes: Analytical testing results are expressed in parts-per-billion (ppb) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Groundwater Remediation Objectives.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BHB-1 (2'-3')	BHB-2 (2'-3')	BHB-3 (2'-3')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	<330	NT	--
Benzoic Acid	NT	<330	NT	400,000
Benzyl Alcohol	NT	<330	NT	--
bis(2-Chloroethoxy)methane	NT	<330	NT	--
bis(2-Chloroethyl)ether	NT	<330	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	<330	NT	--
bis(2-ethylhexyl)phthalate	NT	<330	NT	46,000
4-Bromophenyl-phenylether	NT	<330	NT	--
Butyl benzyl phthalate	NT	<330	NT	930,000
Carbazole	NT	<330	NT	32,000*
4-Chloroaniline	NT	<330	NT	700
4-Chloro-3-methylphenol	NT	<330	NT	--
2-Chloronaphthalene	NT	<330	NT	--
2-Chlorophenol	NT	<330	NT	4,000
4-Chlorophenyl-phenylether	NT	<330	NT	--
Dibenzofuran	NT	<330	NT	--
1,2-Dichlorobenzene	NT	<330	NT	17,000
1,3-Dichlorobenzene	NT	<330	NT	--
1,4-Dichlorobenzene	NT	<330	NT	2,000
3,3'-Dichlorobenzidine	NT	<660	NT	7
2,4-Dichlorophenol	NT	<330	NT	--
Diethyl phthalate	NT	<330	NT	470,000
2,4-Dimethylphenol	NT	<330	NT	9,000
Dimethylphthalate	NT	<330	NT	--
Di-n-Butylphthalate	NT	<330	NT	--
4,6-Dinitro-2-methylphenol	NT	<1,600	NT	--
2,4-Dinitrophenol	NT	<1,600	NT	--
2,4-Dinitrotoluene	NT	<250	NT	0.8
2,6-Dinitrotoluene	NT	<260	NT	0.7
Di-n-octyl phthalate	NT	<330	NT	10,000,000
Hexachlorobenzene	NT	<330	NT	400
Hexachlorobutadiene	NT	<330	NT	--
Hexachlorocyclopentadiene	NT	<330	NT	1,100
Hexachloroethane	NT	<330	NT	500
Isophorone	NT	<330	NT	8,000
2-Methylnaphthalene	NT	<330	NT	--
2-Methylphenol	NT	<330	NT	15,000
3 & 4-Methylphenol	NT	<330	NT	--
2-Nitroaniline	NT	<1,600	NT	--
3-Nitroaniline	NT	<1,600	NT	--
4-Nitroaniline	NT	<1,600	NT	--
Nitrobenzene	NT	<260	NT	100
2-Nitrophenol	NT	<1,600	NT	--
4-Nitrophenol	NT	<1,600	NT	--
N-Nitrosodiphenylamine	NT	<330	NT	1,000
N-Nitroso-di-n-propylamine	NT	<330	NT	330 (PQL)

N- Nitrosodiphenylamine	NT	<330	NT	1,000
Pentachlorophenol	NT	<330	NT	30
Phenol	NT	<330	NT	100,000
1,2,4-Trichlorobenzene	NT	<300	NT	5,000
2,4,5-Trichlorophenol	NT	<660	NT	270,000
2,4,6-Trichlorophenol	NT	<330	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

* Reflects Ingestion/Inhalation Exposure Pathway.

Parameter Polynuclear Aromatics	BHB-1 (2'-3')	BHB-2 (2'-3')	BHB-3 (2'-3')	IEPA TACO Tier 1 SROs
Naphthalene	NT	<25	NT	1,800
Acenaphthylene	NT	<50	NT	NA
Acenaphthene	NT	<50	NT	570,000
Fluorene	NT	<50	NT	560,000
Phenanthrene	NT	110	NT	NA
Anthracene	NT	<50	NT	12,000,000
Fluoranthene	NT	346	NT	3,100,000
Pyrene	NT	337	NT	2,300,000
Benzo[a]anthracene	NT	213	NT	900
Chrysene	NT	201	NT	88,000
Benzo[b]fluoranthene	NT	221	NT	900
Benzo[k]fluoranthene	NT	223	NT	9,000
Benzo[a]pyrene	NT	302*	NT	90*
Indeno[1,2,3-cd]pyrene	NT	129	NT	900
Dibeno[a,h]anthracene	NT	35	NT	90
Benzo[g,h,i]perylene	NT	129	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

* Reflects Ingestion/Inhalation Exposure Pathway.

Parameter PCBs	BHB-1 (2'-3')	BHB-2 (2'-3')	BHB-3 (2'-3')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	<80.0	NT	1,000
Aroclor 1221	NT	<80.0	NT	1,000
Aroclor 1232	NT	<80.0	NT	1,000
Aroclor 1242	NT	<80.0	NT	1,000
Aroclor 1248	NT	<80.0	NT	1,000
Aroclor 1254	NT	<160	NT	1,000
Aroclor 1260	NT	<160	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	BHB-1 (2'-3')	BHB-2 (2'-3')	BHB-3 (2'-3')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	9.2	NT	--
Arsenic	3.3	2.6	13.0	13^
Copper	11.8	16.6	144	5,500^
Cadmium	<0.1	<0.1	0.2	78^
Chromium	7.6	4.0	11.4	270^
Lead	38.0	19.2	166	400^
Mercury	0.19	<0.05	0.17	10^
Nickel	4.7	3.5	16.1	180^
Zinc	143	160	531	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Soil Remediation Objectives.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

* = Exceeds Specific CUO and/or Generic Ingestion/Inhalation TACO Standards.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BB-16 (1'-3')	BB-17 (1'-3')	BB-18 (1'-3')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	<330	NT	<330	--
Benzoic Acid	<330	NT	<330	400,000
Benzyl Alcohol	<330	NT	<330	--
bis(2-Chloroethoxy)methane	<330	NT	<330	--
bis(2-Chloroethyl)ether	<330	NT	<330	660 (ADL)
bis(2-Chloroisopropyl)ether	<330	NT	<330	--
bis(2-ethylhexyl)phthalate	<330	NT	<330	46,000
4-Bromophenyl-phenylether	<330	NT	<330	--
Butyl benzyl phthalate	<330	NT	<330	930,000
Carbazole	<330	NT	<330	600
4-Chloroaniline	<330	NT	<330	700
4-Chloro-3-methylphenol	<330	NT	<330	--
2-Chloronaphthalene	<330	NT	<330	--
2-Chlorophenol	<330	NT	<330	4,000
4-Chlorophenyl-phenylether	<330	NT	<330	--
Dibenzofuran	<330	NT	<330	--
1,2-Dichlorobenzene	<330	NT	<330	17,000
1,3-Dichlorobenzene	<330	NT	<330	--
1,4-Dichlorobenzene	<330	NT	<330	2,000
3,3'-Dichlorobenzidine	<660	NT	<660	7
2,4-Dichlorophenol	<330	NT	<330	--
Diethyl phthalate	<330	NT	<330	470,000
2,4-Dimethylphenol	<330	NT	<330	9,000
Dimethylphthalate	<330	NT	<330	--
Di-n-Butylphthalate	<330	NT	<330	--
4,6-Dinitro-2-methylphenol	<1,600	NT	<1,600	--
2,4-Dinitrophenol	<1,600	NT	<1,600	--
2,4-Dinitrotoluene	<250	NT	<250	0.8
2,6-Dinitrotoluene	<260	NT	<260	0.7
Di-n-octyl phthalate	<330	NT	<330	10,000,000
Hexachlorobenzene	<330	NT	<330	400
Hexachlorobutadiene	<330	NT	<330	--
Hexachlorocyclopentadiene	<330	NT	<330	1,100
Hexachloroethane	<330	NT	<330	500
Isophorone	<330	NT	<330	8,000
2-Methylnaphthalene	<330	NT	<330	--
2-Methylphenol	<330	NT	<330	15,000
3 & 4-Methylphenol	<330	NT	<330	--
2-Nitroaniline	<1,600	NT	<1,600	--
3-Nitroaniline	<1,600	NT	<1,600	--
4-Nitroaniline	<1,600	NT	<1,600	--
Nitrobenzene	<260	NT	<260	100
2-Nitrophenol	<1,600	NT	<1,600	--
4-Nitrophenol	<1,600	NT	<1,600	--
N-Nitrosodiphenylamine	<330	NT	<330	1,000
N-Nitroso-di-n-propylamine	<330	NT	<330	330 (PQL)

n- Nitrosodiphenylamine	<330	NT	<330	1,000
Pentachlorophenol	<330	NT	<330	30
Phenol	<330	NT	<330	100,000
1,2,4-Trichlorobenzene	<300	NT	<300	5,000
2,4,5-Trichlorophenol	<660	NT	<660	270,000
2,4,6-Trichlorophenol	<330	NT	<330	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	BB-16 (1'-3')	BB-17 (1'-3')	BB-18 (1'-3')	IEPA TACO Tier 1 SROs
Naphthalene	<25	NT	<25	1,800
Acenaphthylene	<50	NT	<50	NA
Acenaphthene	<50	NT	<50	570,000
Fluorene	<50	NT	<50	560,000
Phenanthrene	<50	NT	<50	NA
Anthracene	<50	NT	<50	12,000,000
Fluoranthene	<50	NT	<50	3,100,000
Pyrene	<50	NT	<50	2,300,000
Benzo[a]anthracene	<8.7	NT	9.2	900
Chrysene	<50	NT	<50	88,000
Benzo[b]fluoranthene	<11	NT	<11	900
Benzo[k]fluoranthene	<11	NT	<11	9,000
Benzo[a]pyrene	<15	NT	<15	90
Indeno[1,2,3-cd]pyrene	<29	NT	<29	900
Dibenzo[a,h]anthracene	<20	NT	<20	90
Benzo[g,h,i]perylene	<50	NT	<50	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	BB-16 (1'-3')	BB-17 (1'-3')	BB-18 (1'-3')	IEPA "Clean Fill" Guidelines
Aroclor 1016	<80.0	NT	<80.0	1,000
Aroclor 1221	<80.0	NT	<80.0	1,000
Aroclor 1232	<80.0	NT	<80.0	1,000
Aroclor 1242	<80.0	NT	<80.0	1,000
Aroclor 1248	<80.0	NT	<80.0	1,000
Aroclor 1254	<160	NT	<160	1,000
Aroclor 1260	<160	NT	<160	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	BB-16 (1'-3')	BB-17 (1'-3')	BB-18 (1'-3')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	9.05	NT	8.54	--
Arsenic	4.3	6.3	14.2*	13^
Copper	16.7	22.7	29.2	5,500^
Cadmium	61.1	<0.1	<0.1	78^
Chromium	15.4	22.5	27.0	270^
Lead	6.8	29.3	24.8	400^
Mercury	<0.05	<0.05	<0.05	10^
Nickel	17.5	17.6	42.8	180^
Zinc	35.2	65.7	65.6	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Soil Remediation Objectives.

^ = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

* = Exceeds IEPA *Generic* TACO Ingestion/Inhalation Standards and/or *Specific* CUO

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BB-9 (1'-3')	BB-10 (1'-3')	BB-11 (1'-3')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloethene	<5.0	<5.0	5.1	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	NT	NT	--
Benzoic Acid	NT	NT	NT	400,000
Benzyl Alcohol	NT	NT	NT	--
bis(2-Chloroethoxy)methane	NT	NT	NT	--
bis(2-Chloroethyl)ether	NT	NT	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	NT	NT	--
bis(2-ethylhexyl)phthalate	NT	NT	NT	46,000
4-Bromophenyl-phenylether	NT	NT	NT	--
Butyl benzyl phthalate	NT	NT	NT	930,000
Carbazole	NT	NT	NT	600
4-Chloroaniline	NT	NT	NT	700
4-Chloro-3-methylphenol	NT	NT	NT	--
2-Choronaphthalene	NT	NT	NT	--
2-Chlorophenol	NT	NT	NT	4,000
4-Chlorophenyl-phenylether	NT	NT	NT	--
Dibenzofuran	NT	NT	NT	--
1,2-Dichlorobenzene	NT	NT	NT	17,000
1,3-Dichlorobenzene	NT	NT	NT	--
1,4-Dichlorobenzene	NT	NT	NT	2,000
3,3'-Dichlorobenzidine	NT	NT	NT	7
2,4-Dichlorophenol	NT	NT	NT	--
Diethyl phthalate	NT	NT	NT	470,000
2,4-Dimehtlyphenol	NT	NT	NT	9,000
Dimethylphthalate	NT	NT	NT	--
Di-n-Butylphthalate	NT	NT	NT	--
4,6-Dinitro-2-methylphenol	NT	NT	NT	--
2,4-Dinitrophenol	NT	NT	NT	--
2,4-Dinitrotoluene	NT	NT	NT	0.8
2,6-Dinitrotoluene	NT	NT	NT	0.7
Di-n-octyl phthalate	NT	NT	NT	10,000,000
Hexachlorobenzene	NT	NT	NT	400
Hexachlorobutadiene	NT	NT	NT	--
Hexachlorocyclopentadiene	NT	NT	NT	1,100
Hexachloroethane	NT	NT	NT	500
Isophorone	NT	NT	NT	8,000
2-Methylnaphththalene	NT	NT	NT	--
2-Methylphenol	NT	NT	NT	15,000
3 & 4-Methylphenol	NT	NT	NT	--
2-Nitroaniline	NT	NT	NT	--
3-Nitroaniline	NT	NT	NT	--
4-Nitroaniline	NT	NT	NT	--
Nitrobenzene	NT	NT	NT	100
2-Nitrophenol	NT	NT	NT	--
4-Nitrophenol	NT	NT	NT	--
N-Nitrosodiphenylamine	NT	NT	NT	1,000
N-Nitroso-di-n-propylamine	NT	NT	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	NT	NT	1,000
Pentachlorophenol	NT	NT	NT	30
Phenol	NT	NT	NT	100,000
1,2,4-Trichlorobenzene	NT	NT	NT	5,000
2,4,5-Trichlorophenol	NT	NT	NT	270,000
2,4,6-Trichlorophenol	NT	NT	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

Parameter Polynuclear Aromatics	BB-9 (1'-3')	BB-10 (1'-3')	BB-11 (1'-3')	IEPA TACO Tier 1 SROs
Naphthalene	NT	NT	NT	1,800
Acenaphthylene	NT	NT	NT	NA
Acenaphthene	NT	NT	NT	570,000
Fluorene	NT	NT	NT	560,000
Phenanthrene	NT	NT	NT	NA
Anthracene	NT	NT	NT	12,000,000
Fluoranthene	NT	NT	NT	3,100,000
Pyrene	NT	NT	NT	2,300,000
Benzo[a]anthracene	NT	NT	NT	900
Chrysene	NT	NT	NT	88,000
Benzo[b]fluoranthene	NT	NT	NT	900
Benzo[k]fluoranthene	NT	NT	NT	9,000
Benzo[a]pyrene	NT	NT	NT	90
Indeno[1,2,3-cd]pyrene	NT	NT	NT	900
Dibenzo[a,h]anthracene	NT	NT	NT	90
Benzo[g,h,i]perylene	NT	NT	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

Parameter PCBs	BB-9 (1'-3')	BB-10 (1'-3')	BB-11 (1'-3')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	NT	NT	1,000
Aroclor 1221	NT	NT	NT	1,000
Aroclor 1232	NT	NT	NT	1,000
Aroclor 1242	NT	NT	NT	1,000
Aroclor 1248	NT	NT	NT	1,000
Aroclor 1254	NT	NT	NT	1,000
Aroclor 1260	NT	NT	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

Parameter PH /Metals	BB-9 (1 ³ -3 ³)	BB-10 (1 ³ -3 ³)	BB-11 (1 ³ -3 ³)	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	NT		--
Arsenic	9.2	6.7	14.4*	13^
Copper	17.8	23.1	25.4	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	24.7	25.7	35.0	270^
Lead	15.3	9.8	21.8	400^
Mercury	<0.05	<0.05	0.06	10^
Nickel	18.7	34.8	45.6	180^
Zinc	53.3	46.8	66.4	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Soil Remediation Objectives.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

* = Exceeds Generic TACO Ingestion/Inhalation Standards and/or Specific CUO

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	MW-5 (1'-3')	BB-12 (1'-3')	BB-13 (1'-3')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	30.2	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	7.8	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	NT	<330	--
Benzoic Acid	NT	NT	<330	400,000
Benzyl Alcohol	NT	NT	<330	--
bis(2-Chloroethoxy)methane	NT	NT	<330	--
bis(2-Chloroethyl)ether	NT	NT	<330	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	NT	<330	--
bis(2-ethylhexyl)phthalate	NT	NT	<330	46,000
4-Bromophenyl-phenylether	NT	NT	<330	--
Butyl benzyl phthalate	NT	NT	<330	930,000
Carbazole	NT	NT	<330	600
4-Chloroaniline	NT	NT	<330	700
4-Chloro-3-methylphenol	NT	NT	<330	--
2-Chloronaphthalene	NT	NT	<330	--
2-Chlorophenol	NT	NT	<330	4,000
4-Chlorophenyl-phenylether	NT	NT	<330	--
Dibenzofuran	NT	NT	<330	--
1,2-Dichlorobenzene	NT	NT	<330	17,000
1,3-Dichlorobenzene	NT	NT	<330	--
1,4-Dichlorobenzene	NT	NT	<330	2,000
3,3'-Dichlorobenzidine	NT	NT	<660	7
2,4-Dichlorophenol	NT	NT	<330	--
Diethyl phthalate	NT	NT	<330	470,000
2,4-Dimehtlyphenol	NT	NT	<330	9,000
Dimethylphthalate	NT	NT	<330	--
Di-n-Butylphthalate	NT	NT	<330	--
4,6-Dinitro-2-methylphenol	NT	NT	<1,600	--
2,4-Dinitrophenol	NT	NT	<1,600	--
2,4-Dinitrotoluene	NT	NT	<250	0.8
2,6-Dinitrotoluene	NT	NT	<260	0.7
Di-n-octyl phthalate	NT	NT	<330	10,000,000
Hexachlorobenzene	NT	NT	<330	400
Hexachlorobutadiene	NT	NT	<330	--
Hexachlorocyclopentadiene	NT	NT	<330	1,100
Hexachloroethane	NT	NT	<330	500
Isophorone	NT	NT	<330	8,000
2-Methylnaphthalene	NT	NT	<330	--
2-Methylphenol	NT	NT	<330	15,000
3 & 4-Methylphenol	NT	NT	<330	--
2-Nitroaniline	NT	NT	<1,600	--
3-Nitroaniline	NT	NT	<1,600	--
4-Nitroaniline	NT	NT	<1,600	--
Nitrobenzene	NT	NT	<260	100
2-Nitrophenol	NT	NT	<1,600	--
4-Nitrophenol	NT	NT	<1,600	--
N-Nitrosodiphenylamine	NT	NT	<330	1,000
N-Nitroso-di-n-propylamine	NT	NT	<330	330 (PQL)

n- Nitrosodiphenylamine	NT	NT	<330	1,000
Pentachlorophenol	NT	NT	<330	30
Phenol	NT	NT	<330	100,000
1,2,4-Trichlorobenzene	NT	NT	<300	5,000
2,4,5-Trichlorophenol	NT	NT	<660	270,000
2,4,6-Trichlorophenol	NT	NT	<330	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

Parameter Polynuclear Aromatics	MW-5 (1'-3')	BB-12 (1'-3')	BB-13 (1'-3')	IEPA TACO Tier 1 SROs
Naphthalene	NT	NT	<25	1,800
Acenaphthylene	NT	NT	<50	NA
Acenaphthene	NT	NT	<50	570,000
Fluorene	NT	NT	<50	560,000
Phenanthrene	NT	NT	<50	NA
Anthracene	NT	NT	<50	12,000,000
Fluoranthene	NT	NT	<50	3,100,000
Pyrene	NT	NT	<50	2,300,000
Benzo[a]anthracene	NT	NT	<8.7	900
Chrysene	NT	NT	<50	88,000
Benzo[b]fluoranthene	NT	NT	<11	900
Benzo[k]fluoranthene	NT	NT	<11	9,000
Benzo[a]pyrene	NT	NT	<15	90
Indeno[1,2,3-cd]pyrene	NT	NT	<29	900
Dibenzo[a,h]anthracene	NT	NT	<20	90
Benzo[g,h,i]perylene	NT	NT	<50	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

Parameter PCBs	MW-5 (1'-3')	BB-12 (1'-3')	BB-13 (1'-3')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	NT	<80.0	1,000
Aroclor 1221	NT	NT	<80.0	1,000
Aroclor 1232	NT	NT	<80.0	1,000
Aroclor 1242	NT	NT	<80.0	1,000
Aroclor 1248	NT	NT	<80.0	1,000
Aroclor 1254	NT	NT	<160	1,000
Aroclor 1260	NT	NT	<160	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

Parameter PH /Metals	MW-5 (1'-3')	BB-12 (1'-3')	BB-13 (1'-3')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	NT	9.51	--
Arsenic	8.2	10.3	7.3	13^
Copper	22.9	35.3	22.4	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	26.7	114	21.9	270^
Lead	11.3	92.2	10.4	400^
Mercury	<0.05	<0.05	<0.05	10^
Nickel	22.8	23.0	24.1	180^
Zinc	63.1	73.9	48.3	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Soil Remediation Objectives.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	MW-6 (1'-3')	BB-14 (1'-3')	BB-15 (1'-3')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	<330	NT	--
Benzoic Acid	NT	<330	NT	400,000
Benzyl Alcohol	NT	<330	NT	--
bis(2-Chloroethoxy)methane	NT	<330	NT	--
bis(2-Chloroethyl)ether	NT	<330	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	<330	NT	--
bis(2-ethylhexyl)phthalate	NT	<330	NT	46,000
4-Bromophenyl-phenylether	NT	<330	NT	--
Butyl benzyl phthalate	NT	<330	NT	930,000
Carbazole	NT	<330	NT	600
4-Chloroaniline	NT	<330	NT	700
4-Chloro-3-methylphenol	NT	<330	NT	--
2-Chloronaphthalene	NT	<330	NT	--
2-Chlorophenol	NT	<330	NT	4,000
4-Chlorophenyl-phenylether	NT	<330	NT	--
Dibenzofuran	NT	<330	NT	--
1,2-Dichlorobenzene	NT	<330	NT	17,000
1,3-Dichlorobenzene	NT	<330	NT	--
1,4-Dichlorobenzene	NT	<330	NT	2,000
3,3'-Dichlorobenzidine	NT	<660	NT	7
2,4-Dichlorophenol	NT	<330	NT	--
Diethyl phthalate	NT	<330	NT	470,000
2,4-Dimethylphenol	NT	<330	NT	9,000
Dimethylphthalate	NT	<330	NT	--
Di-n-Butylphthalate	NT	<330	NT	--
4,6-Dinitro-2-methylphenol	NT	<1,600	NT	--
2,4-Dinitrophenol	NT	<1,600	NT	--
2,4-Dinitrotoluene	NT	<250	NT	0.8
2,6-Dinitrotoluene	NT	<260	NT	0.7
Di-n-octyl phthalate	NT	<330	NT	10,000,000
Hexachlorobenzene	NT	<330	NT	400
Hexachlorobutadiene	NT	<330	NT	--
Hexachlorocyclopentadiene	NT	<330	NT	1,100
Hexachloroethane	NT	<330	NT	500
Isophorone	NT	<330	NT	8,000
2-Methylnaphthalene	NT	<330	NT	--
2-Methylphenol	NT	<330	NT	15,000
3 & 4-Methylphenol	NT	<330	NT	--
2-Nitroaniline	NT	<1,600	NT	--
3-Nitroaniline	NT	<1,600	NT	--
4-Nitroaniline	NT	<1,600	NT	--
Nitrobenzene	NT	<260	NT	100
2-Nitrophenol	NT	<1,600	NT	--
4-Nitrophenol	NT	<1,600	NT	--
N-Nitrosodiphenylamine	NT	<330	NT	1,000
N-Nitroso-di-n-propylamine	NT	<330	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	<330	NT	1,000
Pentachlorophenol	NT	<330	NT	30
Phenol	NT	<330	NT	100,000
1,2,4-Trichlorobenzene	NT	<300	NT	5,000
2,4,5-Trichlorophenol	NT	<660	NT	270,000
2,4,6-Trichlorophenol	NT	<330	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	MW-6 (1'-3')	BB-14 (1'-3')	BB-15 (1'-3')	IEPA TACO Tier 1 SROs
Naphthalene	NT	<25	NT	1,800
Acenaphthylene	NT	<50	NT	NA
Acenaphthene	NT	<50	NT	570,000
Fluorene	NT	<50	NT	560,000
Phenanthrene	NT	<50	NT	NA
Anthracene	NT	<50	NT	12,000,000
Fluoranthene	NT	<50	NT	3,100,000
Pyrene	NT	<50	NT	2,300,000
Benzo[a]anthracene	NT	<8.7	NT	900
Chrysene	NT	<50	NT	88,000
Benzo[b]fluoranthene	NT	<11	NT	900
Benzo[k]fluoranthene	NT	<11	NT	9,000
Benzo[a]pyrene	NT	<15	NT	90
Indeno[1,2,3-cd]pyrene	NT	<29	NT	900
Dibenzo[a,h]anthracene	NT	<20	NT	90
Benzo[g,h,i]perylene	NT	<50	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	MW-6 (1'-3')	BB-14 (1'-3')	BB-15 (1'-3')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	<80.0	NT	1,000
Aroclor 1221	NT	<80.0	NT	1,000
Aroclor 1232	NT	<80.0	NT	1,000
Aroclor 1242	NT	<80.0	NT	1,000
Aroclor 1248	NT	<80.0	NT	1,000
Aroclor 1254	NT	<160	NT	1,000
Aroclor 1260	NT	<160	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	MW-6 (1'-3')	BB-14 (1'-3')	BB-15 (1'-3')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	9.94	9.51	--
Arsenic	11.7	3.7	9.5	13^
Copper	195	18.0	26.4	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	31.6	22.0	24.5	270^
Lead	51.7	6.5	15.4	400^
Mercury	<0.05	<0.05	0.07	10^
Nickel	66.2	19.2	21.3	180^
Zinc	82.0	37.6	57.4	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

^ = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

TABLE II
 Summary of Soil Analytical Results
 Outfall A and B (Martin's Ditch) – City of Sycamore
 July of 2004

Parameter	Outfall A	Outfall B	IEPA TACO Tier 1 SROs
Volatile Organic Compounds			
Acetone	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	600
Bromoform	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	--
Chloroform	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	20
MTBE	<5.0	<5.0	320
Styrene	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	60
Toluene	9.0	9.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	150,000

Base-Neutral Compounds			
Benzidine	<330	<330	--
Benzoic Acid	<330	<330	400,000
Benzyl Alcohol	<330	<330	--
bis(2-Chloroethoxy)methane	<330	<330	--
bis(2-Chloroethyl)ether	<330	<330	660 (ADL)
bis(2-Chloroisopropyl)ether	<330	<330	--
bis(2-ethylhexyl)phthalate	<330	5,580	46,000
4-Bromophenyl-phenylether	<330	<330	--
Butyl benzyl phthalate	<300	<330	930,000
Carbazole	<330	8,840	32,000*
4-Chloroaniline	<330	<330	700
4-Chloro-3-methylphenol	<330	<330	--
2-Chloronaphthalene	<330	<330	--
2-Chlorophenol	<330	<330	4,000
4-Chlorophenyl-phenylether	<330	<330	--
Dibenzofuran	<330	2,850	--
1,2-Dichlorobenzene	<330	<330	17,000
1,3-Dichlorobenzene	<330	<330	--
1,4-Dichlorobenzene	<330	<330	2,000
3,3'-Dichlorobenzidine	<660	<660	7
2,4-Dichlorophenol	<330	<330	--
Diethyl phthalate	<330	<330	470,000
2,4-Dimethylphenol	<330	<330	9,000
Dimethylphthalate	<330	15,200	--
Di-n-Butylphthalate	<330	<330	--
4,6-Dinitro-2-methylphenol	<1,600	<1,600	--
2,4-Dinitrophenol	<1,600	<1,600	--
2,4-Dinitrotoluene	<250	<250	0.8
2,6-Dinitrotoluene	<260	<260	0.7
Di-n-octyl phthalate	<330	<330	10,000,000
Hexachlorobenzene	<330	<330	400
Hexachlorobutadiene	<330	<330	--
Hexachlorocyclopentadiene	<330	<330	1,100
Hexachloroethane	<330	<330	500
Isophorone	<330	<330	8,000
2-Methylnaphthalene	<330	<330	--
2-Methylphenol	<330	<330	15,000
3 & 4-Methylphenol	<330	<330	--
2-Nitroaniline	<1,600	<1,600	--
3-Nitroaniline	<1,600	<1,600	--
4-Nitroaniline	<1,600	<1,600	--
Nitrobenzene	<260	<260	100
2-Nitrophenol	<1,600	<1,600	--
4-Nitrophenol	<1,600	<1,600	--
N-Nitrosodiphenylamine	<330	<330	1,000
N-Nitroso-di-n-propylamine	<330	<330	330 (PQL)
n- Nitrosodiphenylamine	<330	<330	1,000

Pentachlorophenol	<330	<330	30
Phenol	<330	<330	100,000
1,2,4-Trichlorobenzene	<330	<330	5,000
2,4,5-Trichlorophenol	<660	<660	270,000
2,4,6-Trichlorophenol	<330	<330	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

* = Inhalation/Ingestion TACO Standard.

Parameter Polynuclear Aromatics	Outfall A	Outfall B	IEPA TACO Tier 1 SROs
Naphthalene	31	188	1,800
Acenaphthylene	<50	<50	NA
Acenaphthene	69	1,490	570,000
Fluorene	97	1,730	560,000
Phenanthrene	999	16,800	NA
Anthracene	188	2,750	12,000,000
Fluoranthene	1,680	25,700	3,100,000
Pyrene	1,440	22,100	2,300,000
Benzo[a]anthracene	611	9,210	900*
Chrysene	688	9,740	88,000
Benzo[b]fluoranthene	558	7,750	900*
Benzo[k]fluoranthene	672	9,110	9,000
Benzo[a]pyrene	736	10,300	90*
Indeno[1,2,3-cd]pyrene	386	6,710	900*
Dibenzo[a,h]anthracene	106	1,600	90*
Benzo[g,h,i]perylene	342	5,780	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

* = Inhalation/Ingestion TACO Standard.

Parameter PCBs	Outfall A	Outfall B	IEPA "Clean Fill" Guidelines
Aroclor 1016	<80.0	<80.0	1,000
Aroclor 1221	<80.0	<80.0	1,000
Aroclor 1232	<80.0	<80.0	1,000
Aroclor 1242	<80.0	<80.0	1,000
Aroclor 1248	<80.0	<80.0	1,000
Aroclor 1254	<160	<160	1,000
Aroclor 1260	<160	<160	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

Parameter PH /Metals	Outfall A	Outfall B	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	8.69	8.49	--
Arsenic	3.2	1.6	13^
Copper	22.9	57.3	5,500^
Cadmium	<0.1	0.3	78^
Chromium	6.3	14.6	270^
Lead	10.5	150	400^
Mercury	<0.05	<0.05	10^
Nickel	12.3	7.4	180^
Zinc	50.0	83.2	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

^ = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BB-1 (1'-3')	BB-2 (3'-5')	MW-1 (3'-5')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	NT	NT	--
Benzoic Acid	NT	NT	NT	400,000
Benzyl Alcohol	NT	NT	NT	--
bis(2-Chloroethoxy)methane	NT	NT	NT	--
bis(2-Chloroethyl)ether	NT	NT	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	NT	NT	--
bis(2-ethylhexyl)phthalate	NT	NT	NT	46,000
4-Bromophenyl-phenylether	NT	NT	NT	--
Butyl benzyl phthalate	NT	NT	NT	930,000
Carbazole	NT	NT	NT	600
4-Chloroaniline	NT	NT	NT	700
4-Chloro-3-methylphenol	NT	NT	NT	--
2-Chloronaphthalene	NT	NT	NT	--
2-Chlorophenol	NT	NT	NT	4,000
4-Chlorophenyl-phenylether	NT	NT	NT	--
Dibenzofuran	NT	NT	NT	--
1,2-Dichlorobenzene	NT	NT	NT	17,000
1,3-Dichlorobenzene	NT	NT	NT	--
1,4-Dichlorobenzene	NT	NT	NT	2,000
3,3'-Dichlorobenzidine	NT	NT	NT	7
2,4-Dichlorophenol	NT	NT	NT	--
Diethyl phthalate	NT	NT	NT	470,000
2,4-Dimethylphenol	NT	NT	NT	9,000
Dimethylphthalate	NT	NT	NT	--
Di-n-Butylphthalate	NT	NT	NT	--
4,6-Dinitro-2-methylphenol	NT	NT	NT	--
2,4-Dinitrophenol	NT	NT	NT	--
2,4-Dinitrotoluene	NT	NT	NT	0.8
2,6-Dinitrotoluene	NT	NT	NT	0.7
Di-n-octyl phthalate	NT	NT	NT	10,000,000
Hexachlorobenzene	NT	NT	NT	400
Hexachlorobutadiene	NT	NT	NT	--
Hexachlorocyclopentadiene	NT	NT	NT	1,100
Hexachloroethane	NT	NT	NT	500
Isophorone	NT	NT	NT	8,000
2-Methylnaphthalene	NT	NT	NT	--
2-Methylphenol	NT	NT	NT	15,000
3 & 4-Methylphenol	NT	NT	NT	--
2-Nitroaniline	NT	NT	NT	--
3-Nitroaniline	NT	NT	NT	--
4-Nitroaniline	NT	NT	NT	--
Nitrobenzene	NT	NT	NT	100
2-Nitrophenol	NT	NT	NT	--
4-Nitrophenol	NT	NT	NT	--
N-Nitrosodiphenylamine	NT	NT	NT	1,000
N-Nitroso-di-n-propylamine	NT	NT	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	NT	NT	1,000
Pentachlorophenol	NT	NT	NT	30
Phenol	NT	NT	NT	100,000
1,2,4-Trichlorobenzene	NT	NT	NT	5,000
2,4,5-Trichlorophenol	NT	NT	NT	270,000
2,4,6-Trichlorophenol	NT	NT	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	BB-1 (1'-3')	BB-2 (2'-4')	MW-1 (3'-5')	IEPA TACO Tier 1 SROs
Naphthalene	NT	NT	NT	1,800
Acenaphthylene	NT	NT	NT	NA
Acenaphthene	NT	NT	NT	570,000
Fluorene	NT	NT	NT	560,000
Phenanthrene	NT	NT	NT	NA
Anthracene	NT	NT	NT	12,000,000
Fluoranthene	NT	NT	NT	3,100,000
Pyrene	NT	NT	NT	2,300,000
Benzo[a]anthracene	NT	NT	NT	900
Chrysene	NT	NT	NT	88,000
Benzo[b]fluoranthene	NT	NT	NT	900
Benzo[k]fluoranthene	NT	NT	NT	9,000
Benzo[a]pyrene	NT	NT	NT	90
Indeno[1,2,3-cd]pyrene	NT	NT	NT	900
Dibenzo[a,h]anthracene	NT	NT	NT	90
Benzo[g,h,i]perylene	NT	NT	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	BB-1 (1'-3')	BB-2 (3'-5')	MW-1 (3'-5')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	NT	NT	1,000
Aroclor 1221	NT	NT	NT	1,000
Aroclor 1232	NT	NT	NT	1,000
Aroclor 1242	NT	NT	NT	1,000
Aroclor 1248	NT	NT	NT	1,000
Aroclor 1254	NT	NT	NT	1,000
Aroclor 1260	NT	NT	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	BB-1 (1'-3')	BB-2 (3'-5')	MW-1 (3'-5')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	NT	NT	--
Arsenic	9.7	3.5	5.4	13^
Copper	40.8	13.8	27.2	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	23.3	13.7	18.1	270^
Lead	20.4	4.7	10.1	400^
Mercury	0.31	<0.05	<0.05	10^
Nickel	26.8	14.0	19.9	180^
Zinc	73.4	29.4	42.2	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

^ = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BB-19 (4'-5')	MW-7 (1'-3')	MW-8 (2'-4')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	<330	NT	<16,500	--
Benzoic Acid	<330	NT	<16,500	400,000
Benzyl Alcohol	<330	NT	<16,500	--
bis(2-Chloroethoxy)methane	<330	NT	<16,500	--
bis(2-Chloroethyl)ether	<330	NT	<16,500	660 (ADL)
bis(2-Chloroisopropyl)ether	<330	NT	<16,500	--
bis(2-ethylhexyl)phthalate	<330	NT	<16,500	46,000
4-Bromophenyl-phenylether	<330	NT	<16,500	--
Butyl benzyl phthalate	<330	NT	<16,500	930,000
Carbazole	<330	NT	214,000*	32,000*
4-Chloroaniline	<330	NT	<16,500	700
4-Chloro-3-methylphenol	<330	NT	<16,500	--
2-Choronaphthalene	<330	NT	<16,500	--
2-Chlorophenol	<330	NT	<16,500	4,000
4-Chlorophenyl-phenylether	<330	NT	<16,500	--
Dibenzofuran	<330	NT	286,000	--
1,2-Dichlorobenzene	<330	NT	<16,500	17,000
1,3-Dichlorobenzene	<330	NT	<16,500	--
1,4-Dichlorobenzene	<330	NT	<16,500	2,000
3,3'-Dichlorobenzidine	<660	NT	<33,000	7
2,4-Dichlorophenol	<330	NT	<16,500	--
Diethyl phthalate	<330	NT	<16,500	470,000
2,4-Dimehtlyphenol	<330	NT	<16,500	9,000
Dimethylphthalate	<330	NT	<16,500	--
Di-n-Butylphthalate	<330	NT	<16,500	--
4,6-Dinitro-2-methylphenol	<1,600	NT	<80,000	--
2,4-Dinitrophenol	<1,600	NT	<80,000	--
2,4-Dinitrotoluene	<250	NT	<12,500	0.8
2,6-Dinitrotoluene	<260	NT	<13,000	0.7
Di-n-octyl phthalate	<330	NT	<16,500	10,000,000
Hexachlorobenzene	<330	NT	<16,500	400
Hexachlorobutadiene	<330	NT	<16,500	--
Hexachlorocyclopentadiene	<330	NT	<16,500	1,100
Hexachloroethane	<330	NT	<16,500	500
Isophorone	<330	NT	<16,500	8,000
2-Methylnaphthalene	<330	NT	120,000	--
2-Methylphenol	<330	NT	<16,500	15,000
3 & 4-Methylphenol	<330	NT	<16,500	--
2-Nitroaniline	<1,600	NT	<80,000	--
3-Nitroaniline	<1,600	NT	<80,000	--
4-Nitroaniline	<1,600	NT	<80,000	--
Nitrobenzene	<260	NT	<13,000	100
2-Nitrophenol	<1,600	NT	<80,000	--
4-Nitrophenol	<1,600	NT	<80,000	--
N-Nitrosodiphenylamine	<330	NT	<16,500	1,000
N-Nitroso-di-n-propylamine	<330	NT	<16,500	330 (PQL)

n- Nitrosodiphenylamine	<330	NT	<16,500	1,000
Pentachlorophenol	<330	NT	<16,500	30
Phenol	<330	NT	<16,500	100,000
1,2,4-Trichlorobenzene	<300	NT	<16,500	5,000
2,4,5-Trichlorophenol	<660	NT	<33,000	270,000
2,4,6-Trichlorophenol	<330	NT	<16,500	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

* = Reflects TACO Soil Ingestion/Inhalation Residential Standards.

Parameter Polynuclear Aromatics	BB-19 (4'-5')	MW-7 (1'-3')	MW-8 (2'-4')	IEPA TACO Tier 1 SROs
Naphthalene	<25	NT	257,000*	1,800
Acenaphthylene	<50	NT	36,200	NA
Acenaphthene	<50	NT	470,000	570,000
Fluorene	<50	NT	411,000	560,000
Phenanthrene	<50	NT	3,270,000	NA
Anthracene	<50	NT	770,000	12,000,000
Fluoranthene	<50	NT	3,200,000*	3,100,000
Pyrene	<50	NT	2,990,000*	2,300,000
Benzo[a]anthracene	<8.7	NT	1,340,000*	900
Chrysene	<50	NT	1,240,000*	88,000
Benzo[b]fluoranthene	<11	NT	816,000*	900
Benzo[k]fluoranthene	<11	NT	1,030,000*	9,000
Benzo[a]pyrene	<15	NT	1,230,000*	90
Indeno[1,2,3-cd]pyrene	<29	NT	662,000*	900
Dibenzo[a,h]anthracene	<20	NT	208,000*	90
Benzo[g,h,i]perylene	<50	NT	569,000	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

* = In excess of TACO Residential Ingestion/Inhalation Standards.

Parameter PCBs	BB-19 (4'-5')	MW-7 (1'-3')	MW-8 (2'-4')	IEPA "Clean Fill" Guidelines
Aroclor 1016	<80.0	NT	<80.0	1,000
Aroclor 1221	<80.0	NT	<80.0	1,000
Aroclor 1232	<80.0	NT	<80.0	1,000
Aroclor 1242	<80.0	NT	<80.0	1,000
Aroclor 1248	<80.0	NT	<80.0	1,000
Aroclor 1254	<160	NT	<160	1,000
Aroclor 1260	<160	NT	<160	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	BB-19 (4'-5')	MW-7 (1'-3')	MW-8 (2'-4')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	8.81	NT	7.64	--
Arsenic	5.3	24.1*	21.0*	13^
Copper	15.3	31.6	108	5,500^
Cadmium	<0.1	<0.1	0.9	78^
Chromium	14.4	29.1	12.4	270^
Lead	13.5	31.4	222	400^
Mercury	<0.05	<0.05	<0.05	10^
Nickel	18.7	55.9	46.2	180^
Zinc	36.3	72.7	184	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed IEPA TACO Tier 1 Soil Remediation Objectives.

^ = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

* = Exceeds IEPA TACO Ingestion/Inhalation Standards or *Site Specific* CUO.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	BB-4 (3'-5')	BB-5 (3'-5')	BB-6 (3'-5')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	<330	NT	--
Benzoic Acid	NT	<330	NT	400,000
Benzyl Alcohol	NT	<330	NT	--
bis(2-Chloroethoxy)methane	NT	<330	NT	--
bis(2-Chloroethyl)ether	NT	<330	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	<330	NT	--
bis(2-ethylhexyl)phthalate	NT	<330	NT	46,000
4-Bromophenyl-phenylether	NT	<330	NT	--
Butyl benzyl phthalate	NT	<330	NT	930,000
Carbazole	NT	<330	NT	600
4-Chloroaniline	NT	<330	NT	700
4-Chloro-3-methylphenol	NT	<330	NT	--
2-Choronaphthalene	NT	<330	NT	--
2-Chlorophenol	NT	<330	NT	4,000
4-Chlorophenyl-phenylether	NT	<330	NT	--
Dibenzofuran	NT	<330	NT	--
1,2-Dichlorobenzene	NT	<330	NT	17,000
1,3-Dichlorobenzene	NT	<330	NT	--
1,4-Dichlorobenzene	NT	<330	NT	2,000
3,3'-Dichlorobenzidine	NT	<660	NT	7
2,4-Dichlorophenol	NT	<330	NT	--
Diethyl phthalate	NT	<330	NT	470,000
2,4-Dimethylphenol	NT	<330	NT	9,000
Dimethylphthalate	NT	<330	NT	--
Di-n-Butylphthalate	NT	<330	NT	--
4,6-Dinitro-2-methylphenol	NT	<1,600	NT	--
2,4-Dinitrophenol	NT	<1,600	NT	--
2,4-Dinitrotoluene	NT	<250	NT	0.8
2,6-Dinitrotoluene	NT	<260	NT	0.7
Di-n-octyl phthalate	NT	<330	NT	10,000,000
Hexachlorobenzene	NT	<330	NT	400
Hexachlorobutadiene	NT	<330	NT	--
Hexachlorocyclopentadiene	NT	<330	NT	1,100
Hexachloroethane	NT	<330	NT	500
Isophorone	NT	<330	NT	8,000
2-Methylnaphthalene	NT	<330	NT	--
2-Methylphenol	NT	<330	NT	15,000
3 & 4-Methylphenol	NT	<330	NT	--
2-Nitroaniline	NT	<1,600	NT	--
3-Nitroaniline	NT	<1,600	NT	--
4-Nitroaniline	NT	<1,600	NT	--
Nitrobenzene	NT	<260	NT	100
2-Nitrophenol	NT	<1,600	NT	--
4-Nitrophenol	NT	<1,600	NT	--
N-Nitrosodiphenylamine	NT	<330	NT	1,000
N-Nitroso-di-n-propylamine	NT	<330	NT	330 (PQL)

n-Nitrosodiphenylamine	NT	<330	NT	1,000
Pentachlorophenol	NT	<330	NT	30
Phenol	NT	<330	NT	100,000
1,2,4-Trichlorobenzene	NT	<300	NT	5,000
2,4,5-Trichlorophenol	NT	<660	NT	270,000
2,4,6-Trichlorophenol	NT	<330	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	BB-4 (3'-5')	BB-5 (3'-5')	BB-6 (3'-5')	IEPA TACO Tier 1 SROs
Naphthalene	NT	<25	NT	1,800
Acenaphthylene	NT	<50	NT	NA
Acenaphthene	NT	<50	NT	570,000
Fluorene	NT	<50	NT	560,000
Phenanthrene	NT	<50	NT	NA
Anthracene	NT	<50	NT	12,000,000
Fluoranthene	NT	<50	NT	3,100,000
Pyrene	NT	<50	NT	2,300,000
Benzo[a]anthracene	NT	<8.7	NT	900
Chrysene	NT	<50	NT	88,000
Benzo[b]fluoranthene	NT	<11	NT	900
Benzo[k]fluoranthene	NT	<11	NT	9,000
Benzo[a]pyrene	NT	<15	NT	90
Indeno[1,2,3-cd]pyrene	NT	<29	NT	900
Dibenzo[a,h]anthracene	NT	<20	NT	90
Benzo[g,h,i]perylene	NT	<50	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	BB-4 (3'-5')	BB-5 (3'-5')	BB-6 (3'-5')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	<80.0	NT	1,000
Aroclor 1221	NT	<80.0	NT	1,000
Aroclor 1232	NT	<80.0	NT	1,000
Aroclor 1242	NT	<80.0	NT	1,000
Aroclor 1248	NT	<80.0	NT	1,000
Aroclor 1254	NT	<160	NT	1,000
Aroclor 1260	NT	<160	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	BB-4 (3'-5')	BB-5 (3'-5')	BB-6 (3'-5')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	9.40	NT	--
Arsenic	4.0	7.5	5.4	13^
Copper	39.4	16.8	31.8	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	20.2	12.1	9.9	270^
Lead	8.5	8.7	26.3	400^
Mercury	<0.05	<0.05	<0.05	10^
Nickel	19.4	13.8	9.8	180^
Zinc	43.0	37.0	59.7	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	MW-2 (1'-3')	MW-3 (3'-5')	BB-3 (3'-5')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	<5.0	150,000

Base-Neutral Compounds				
Benzidine	NT	NT	NT	--
Benzoic Acid	NT	NT	NT	400,000
Benzyl Alcohol	NT	NT	NT	--
bis(2-Chloroethoxy)methane	NT	NT	NT	--
bis(2-Chloroethyl)ether	NT	NT	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	NT	NT	--
bis(2-ethylhexyl)phthalate	NT	NT	NT	46,000
4-Bromophenyl-phenylether	NT	NT	NT	--
Butyl benzyl phthalate	NT	NT	NT	930,000
Carbazole	NT	NT	NT	600
4-Chloroaniline	NT	NT	NT	700
4-Chloro-3-methylphenol	NT	NT	NT	--
2-Chloronaphthalene	NT	NT	NT	--
2-Chlorophenol	NT	NT	NT	4,000
4-Chlorophenyl-phenylether	NT	NT	NT	--
Dibenzofuran	NT	NT	NT	--
1,2-Dichlorobenzene	NT	NT	NT	17,000
1,3-Dichlorobenzene	NT	NT	NT	--
1,4-Dichlorobenzene	NT	NT	NT	2,000
3,3'-Dichlorobenzidine	NT	NT	NT	7
2,4-Dichlorophenol	NT	NT	NT	--
Diethyl phthalate	NT	NT	NT	470,000
2,4-Dimehtlyphenol	NT	NT	NT	9,000
Dimethylphthalate	NT	NT	NT	--
Di-n-Butylphthalate	NT	NT	NT	--
4,6-Dinitro-2-methylphenol	NT	NT	NT	--
2,4-Dinitrophenol	NT	NT	NT	--
2,4-Dinitrotoluene	NT	NT	NT	0.8
2,6-Dinitrotoluene	NT	NT	NT	0.7
Di-n-octyl phthalate	NT	NT	NT	10,000,000
Hexachlorobenzene	NT	NT	NT	400
Hexachlorobutadiene	NT	NT	NT	--
Hexachlorocyclopentadiene	NT	NT	NT	1,100
Hexachloroethane	NT	NT	NT	500
Isophorone	NT	NT	NT	8,000
2-Methylnaphthalene	NT	NT	NT	--
2-Methylphenol	NT	NT	NT	15,000
3 & 4-Methylphenol	NT	NT	NT	--
2-Nitroaniline	NT	NT	NT	--
3-Nitroaniline	NT	NT	NT	--
4-Nitroaniline	NT	NT	NT	--
Nitrobenzene	NT	NT	NT	100
2-Nitrophenol	NT	NT	NT	--
4-Nitrophenol	NT	NT	NT	--
N-Nitrosodiphenylamine	NT	NT	NT	1,000
N-Nitroso-di-n-propylamine	NT	NT	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	NT	NT	1,000
Pentachlorophenol	NT	NT	NT	30
Phenol	NT	NT	NT	100,000
1,2,4-Trichlorobenzene	NT	NT	NT	5,000
2,4,5-Trichlorophenol	NT	NT	NT	270,000
2,4,6-Trichlorophenol	NT	NT	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	MW-2 (1'-3')	MW-3 (3'-5')	BB-3 (3'-5')	IEPA TACO Tier 1 SROs
Naphthalene	NT	NT	NT	1,800
Acenaphthylene	NT	NT	NT	NA
Acenaphthene	NT	NT	NT	570,000
Fluorene	NT	NT	NT	560,000
Phenanthrene	NT	NT	NT	NA
Anthracene	NT	NT	NT	12,000,000
Fluoranthene	NT	NT	NT	3,100,000
Pyrene	NT	NT	NT	2,300,000
Benzo[a]anthracene	NT	NT	NT	900
Chrysene	NT	NT	NT	88,000
Benzo[b]fluoranthene	NT	NT	NT	900
Benzo[k]fluoranthene	NT	NT	NT	9,000
Benzo[a]pyrene	NT	NT	NT	90
Indeno[1,2,3-cd]pyrene	NT	NT	NT	900
Dibenzof[a,h]anthracene	NT	NT	NT	90
Benzo[g,h,i]perylene	NT	NT	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	MW-2 (1'-3')	MW-3 (3'-5')	BB-3 (3'-5')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	NT	NT	1,000
Aroclor 1221	NT	NT	NT	1,000
Aroclor 1232	NT	NT	NT	1,000
Aroclor 1242	NT	NT	NT	1,000
Aroclor 1248	NT	NT	NT	1,000
Aroclor 1254	NT	NT	NT	1,000
Aroclor 1260	NT	NT	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	MW-2 (1'-3')	MW-3 (3'-5')	BB-3 (3'-5')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	NT	NT	--
Arsenic	5.0	4.2	4.1	13^
Copper	17.2	19.1	20.2	5,500^
Cadmium	<0.1	<0.1	<0.1	78^
Chromium	13.4	17.4	17.0	270^
Lead	5.9	6.7	7.9	400^
Mercury	<0.05	<0.05	<0.05	10^
Nickel	13.5	18.5	18.7	180^
Zinc	40.4	39.9	72.7	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	MW-4 (3'-5')	BB-7 (3'-5')	BB-8 (3'-5')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds				
Acetone	<10.0	24.2	15.2	16,000
Benzene	<5.0	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	<5.0	600
Bromoform	<5.0	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	<10.0	--
2-Butanone	<10.0	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	<10.0	--
Chloroform	<5.0	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	<10.0	--
1,1-Dichloroethane	5.3	<5.0	7.7	23,000
1,2-Dichloroethane	<5.0	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	159	13,000
2-Hexanone	<10.0	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	<5.0	20
MTBE	<5.0	<5.0	<5.0	320
Styrene	<5.0	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	--
Tetrachloroethene	<5.0	<5.0	<5.0	60
Toluene	<5.0	<5.0	24.5	12,000
1,1,1-Trichloroethane	<5.0	<5.0	16.5	2,000
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	875	150,000

Base-Neutral Compounds				
Benzidine	NT	<330	NT	--
Benzoic Acid	NT	<330	NT	400,000
Benzyl Alcohol	NT	<330	NT	--
bis(2-Chloroethoxy)methane	NT	<330	NT	--
bis(2-Chloroethyl)ether	NT	<330	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	<330	NT	--
bis(2-ethylhexyl)phthalate	NT	<330	NT	46,000
4-Bromophenyl-phenylether	NT	<330	NT	--
Butyl benzyl phthalate	NT	<330	NT	930,000
Carbazole	NT	<330	NT	600
4-Chloroaniline	NT	<330	NT	700
4-Chloro-3-methylphenol	NT	<330	NT	--
2-Choronaphthalene	NT	<330	NT	--
2-Chlorophenol	NT	<330	NT	4,000
4-Chlorophenyl-phenylether	NT	<330	NT	--
Dibenzofuran	NT	<330	NT	--
1,2-Dichlorobenzene	NT	<330	NT	17,000
1,3-Dichlorobenzene	NT	<330	NT	--
1,4-Dichlorobenzene	NT	<330	NT	2,000
3,3'-Dichlorobenzidine	NT	<660	NT	7
2,4-Dichlorophenol	NT	<330	NT	--
Diethyl phthalate	NT	<330	NT	470,000
2,4-Dimethylphenol	NT	<330	NT	9,000
Dimethylphthalate	NT	<330	NT	--
Di-n-Butylphthalate	NT	<330	NT	--
4,6-Dinitro-2-methylphenol	NT	<1,600	NT	--
2,4-Dinitrophenol	NT	<1,600	NT	--
2,4-Dinitrotoluene	NT	<250	NT	0.8
2,6-Dinitrotoluene	NT	<260	NT	0.7
Di-n-octyl phthalate	NT	<330	NT	10,000,000
Hexachlorobenzene	NT	<330	NT	400
Hexachlorobutadiene	NT	<330	NT	--
Hexachlorocyclopentadiene	NT	<330	NT	1,100
Hexachloroethane	NT	<330	NT	500
Isophorone	NT	<330	NT	8,000
2-Methylnaphthalene	NT	<330	NT	--
2-Methylphenol	NT	<330	NT	15,000
3 & 4-Methylphenol	NT	<330	NT	--
2-Nitroaniline	NT	<1,600	NT	--
3-Nitroaniline	NT	<1,600	NT	--
4-Nitroaniline	NT	<1,600	NT	--
Nitrobenzene	NT	<260	NT	100
2-Nitrophenol	NT	<1,600	NT	--
4-Nitrophenol	NT	<1,600	NT	--
N-Nitrosodiphenylamine	NT	<330	NT	1,000
N-Nitroso-di-n-propylamine	NT	<330	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	<330	NT	1,000
Pentachlorophenol	NT	<330	NT	30
Phenol	NT	<330	NT	100,000
1,2,4-Trichlorobenzene	NT	<300	NT	5,000
2,4,5-Trichlorophenol	NT	<660	NT	270,000
2,4,6-Trichlorophenol	NT	<330	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	MW-4 (3'-5')	BB-7 (3'-5')	BB-8 (3'-5')	IEPA TACO Tier 1 SROs
Naphthalene	NT	<25	NT	1,800
Acenaphthylene	NT	<50	NT	NA
Acenaphthene	NT	<50	NT	570,000
Fluorene	NT	<50	NT	560,000
Phenanthrene	NT	<50	NT	NA
Anthracene	NT	<50	NT	12,000,000
Fluoranthene	NT	63	NT	3,100,000
Pyrene	NT	64	NT	2,300,000
Benzo[a]anthracene	NT	46	NT	900
Chrysene	NT	<50	NT	88,000
Benzo[b]fluoranthene	NT	39	NT	900
Benzo[k]fluoranthene	NT	33	NT	9,000
Benzo[a]pyrene	NT	60	NT	90
Indeno[1,2,3-cd]pyrene	NT	33	NT	900
Dibenzof[a,h]anthracene	NT	<20	NT	90
Benzo[g,h,i]perylene	NT	52	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	MW-4 (3'-5')	BB-7 (3'-5')	BB-8 (3'-5')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	<80.0	NT	1,000
Aroclor 1221	NT	<80.0	NT	1,000
Aroclor 1232	NT	<80.0	NT	1,000
Aroclor 1242	NT	<80.0	NT	1,000
Aroclor 1248	NT	<80.0	NT	1,000
Aroclor 1254	NT	<160	NT	1,000
Aroclor 1260	NT	<160	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	MW-4 (3'-5')	BB-7 (3'-5')	BB-8 (3'-5')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	9.02	NT	--
Arsenic	11.7	7.2	6.8	0.05/13^
Copper	53.8	455	49.4	0.65/5,500^
Cadmium	<0.1	<0.1	<0.1	0.005/78^
Chromium	30.2	15.8	25.1	0.1/270^
Lead	74.4	864*	27.3	0.0075/400^
Mercury	0.16	0.24	0.10	0.002/10^
Nickel	30.0	16.5	32.7	0.1/180^
Zinc	113	145	150	5.0/7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

Concentrations in **BOLD** exceed Residential Inhalation/Ingestion Standards.

[^] = Ingestion/Inhalation Pathway Standard or Site Specific CUO supplied by Agency.

NT = Not Tested.

* = Exceeds CUO/Ingestion/Inhalation TACO Standards.

TABLE II
 Summary of Soil Analytical Results
 Inside of Former Harvester Square Complex – City of Sycamore
 July of 2004

Parameter	MW-9 (1'-3')	BB-20 (2'-4')	IEPA TACO Tier 1 SROs
Volatile Organic Compounds			
Acetone	<10.0	<10.0	16,000
Benzene	<5.0	<5.0	30
Bromodichloromethane	<5.0	<5.0	600
Bromoform	<5.0	<5.0	800
Bromomethane	<10.0	<10.0	--
2-Butatone	<10.0	<10.0	--
Carbon Disulfide	<5.0	<5.0	32,000
Carbon tetrachloride	<5.0	<5.0	70
Chlorobenzene	<5.0	<5.0	1,000
Chlorodibromomethane	<5.0	<5.0	400
Chloroethane	<10.0	<10.0	--
Chloroform	<5.0	<5.0	300
Chloromethane	<10.0	<10.0	--
1,1-Dichloroethane	<5.0	<5.0	23,000
1,2-Dichloroethane	<5.0	<5.0	20
1,1-Dichloroethene	<5.0	<5.0	23,000
cis-1,2-Dichloroethene	<5.0	<5.0	400
trans-1,2-Dichloroethene	<5.0	<5.0	700
1,2-Dichloropropane	<5.0	<5.0	30
cis-1,3-Dichloropropene	<5.0	<5.0	5 (ADL)
trans-1,3-Dichloropropene	<5.0	<5.0	5 (ADL)
Ethyl benzene	<5.0	<5.0	13,000
2-Hexanone	<10.0	<10.0	--
4-Methyl-2-Pentanone	<10.0	<10.0	--
Methylene Chloride	<5.0	<5.0	20
MTBE	<5.0	<5.0	320
Styrene	<5.0	<5.0	4,000
1,1,2,2-Tetrachloroethane	<5.0	<5.0	--
Tetracholothene	<5.0	<5.0	60
Toluene	<5.0	<5.0	12,000
1,1,1-Trichloroethane	<5.0	<5.0	2,000
1,1,2-Trichloroethane	<5.0	<5.0	20
Trichloroethene	<50.0	<50.0	60
Vinyl Acetate	<10.0	<10.0	170,000
Vinyl Chloride	<10.0	<10.0	10
Xylenes, total	<5.0	<5.0	150,000

Base-Neutral Compounds			
Benzidine	NT	NT	--
Benzoic Acid	NT	NT	400,000
Benzyl Alcohol	NT	NT	--
bis(2-Chloroethoxy)methane	NT	NT	--
bis(2-Chloroethyl)ether	NT	NT	660 (ADL)
bis(2-Chloroisopropyl)ether	NT	NT	--
bis(2-ethylhexyl)phthalate	NT	NT	46,000
4-Bromophenyl-phenylether	NT	NT	--
Buryl benzyl phthalate	NT	NT	930,000
Carbazole	NT	NT	600
4-Chloroaniline	NT	NT	700
4-Chloro-3-methylphenol	NT	NT	--
2-Chloronaphthalene	NT	NT	--
2-Chlorophenol	NT	NT	4,000
4-Chlorophenyl-phenylether	NT	NT	--
Dibenzofuran	NT	NT	--
1,2-Dichlorobenzene	NT	NT	17,000
1,3-Dichlorobenzene	NT	NT	--
1,4-Dichlorobenzene	NT	NT	2,000
3,3'-Dichlorobenzidine	NT	NT	7
2,4-Dichlorophenol	NT	NT	--
Diethyl phthalate	NT	NT	470,000
2,4-Dimehtlyphenol	NT	NT	9,000
Dimethylphthalate	NT	NT	--
Di-n-Butylphthalate	NT	NT	--
4,6-Dinitro-2-methylphenol	NT	NT	--
2,4-Dinitrophenol	NT	NT	--
2,4-Dinitrotoluene	NT	NT	0.8
2,6-Dinitrotoluene	NT	NT	0.7
Di-n-octyl phthalate	NT	NT	10,000,000
Hexachlorobenzene	NT	NT	400
Hexachlorobutadiene	NT	NT	--
Hexachlorocyclopentadiene	NT	NT	1,100
Hexachloroethane	NT	NT	500
Isophorone	NT	NT	8,000
2-Methylnaphthalene	NT	NT	--
2-Methylphenol	NT	NT	15,000
3 & 4-Methylphenol	NT	NT	--
2-Nitroaniline	NT	NT	--
3-Nitroaniline	NT	NT	--
4-Nitroaniline	NT	NT	--
Nitrobenzene	NT	NT	100
2-Nitrophenol	NT	NT	--
4-Nitrophenol	NT	NT	--
N-Nitrosodiphenylamine	NT	NT	1,000
N-Nitroso-di-n-propylamine	NT	NT	330 (PQL)

n- Nitrosodiphenylamine	NT	NT	1,000
Pentachlorophenol	NT	NT	30
Phenol	NT	NT	100,000
1,2,4-Trichlorobenzene	NT	NT	5,000
2,4,5-Trichlorophenol	NT	NT	270,000
2,4,6-Trichlorophenol	NT	NT	200

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter Polynuclear Aromatics	MW-9 (1'-3')	BB-20 (2'-4')	IEPA TACO Tier 1 SROs
Naphthalene	NT	NT	1,800
Acenaphthylene	NT	NT	NA
Acenaphthene	NT	NT	570,000
Fluorene	NT	NT	560,000
Phenanthrene	NT	NT	NA
Anthracene	NT	NT	12,000,000
Fluoranthene	NT	NT	3,100,000
Pyrene	NT	NT	2,300,000
Benzo[a]anthracene	NT	NT	900
Chrysene	NT	NT	88,000
Benzo[b]fluoranthene	NT	NT	900
Benzo[k]fluoranthene	NT	NT	9,000
Benzo[a]pyrene	NT	NT	90
Indeno[1,2,3-cd]pyrene	NT	NT	900
Dibenzo[a,h]anthracene	NT	NT	90
Benzo[g,h,i]perylene	NT	NT	NA

Note: Exceedences of the most stringent IEPA TACO Tier 1 SROs in **bold**.

NT = Not Tested.

Parameter PCBs	MW-9 (1'-3')	BB-20 (2'-4')	IEPA "Clean Fill" Guidelines
Aroclor 1016	NT	NT	1,000
Aroclor 1221	NT	NT	1,000
Aroclor 1232	NT	NT	1,000
Aroclor 1242	NT	NT	1,000
Aroclor 1248	NT	NT	1,000
Aroclor 1254	NT	NT	1,000
Aroclor 1260	NT	NT	1,000

Note: Adapted from 40 CFR 761, Agency considers below 1,000 ppb as clean fill.

NT = Not Tested.

Parameter PH /Metals	MW-9 (1'-3')	BB-20 (2'-4')	IEPA TACO Tier 1 SROs (mg/kg)
pH @ 25 degrees C	NT	NT	--
Arsenic	3.0	12.7	13^
Copper	38.7	24.8	5,500^
Cadmium	<0.1	<0.1	78^
Chromium	4.4	26.8	270^
Lead	7.3	18.3	400^
Mercury	<0.05	<0.05	10^
Nickel	5.0	27.3	180^
Zinc	21.8	59.1	7,500^

Notes: Analytical testing results are expressed in parts-per-million (ppm) concentration.

[^] = Ingestion/Inhalation Pathway Standard or CUO supplied by Agency.

NT = Not Tested.

ATTACHMENT 1



Marlin Environmental, Inc.

December 4, 2002

Mr. Bill Nicklas, City Administrator
City of Sycamore
535 DeKalb Avenue
Sycamore, Illinois 60178

RE: Information On Application to Illinois Site Remediation Program, Concerning
DiNicola Industrial Property Known As The Harvester Square Complex
Located East of South Street and Cottage Row, Sycamore, DeKalb County, Illinois.

Dear Mr. Nicklas:

MARLIN ENVIRONMENTAL, INC. (Marlin) is pleased to present the City of Sycamore with an update on the status of the work being conducted for the above referenced site:

- The results of the Phase II Environmental Site Assessment of the above referenced facility detected the presence of hazardous metals. Marlin Environmental proposes enrollment of the City of Sycamore owned facility into the Illinois Environmental Protection Agency's (IEPA) Site Remediation Program ("SRP"). The purpose of this action is to focus on regulatory closure of the remaining RCRA waste metals previously associated with the illegally stored and spilled drums of foundry sand on the Subject Property.
- As the owner of the property, the City of Sycamore will act as the Remediation Applicant ("RA"). Once enrolled in the program, Marlin Environmental will work with the IEPA on behalf of the City of Sycamore to obtain a "Focused" No Further Remediation (NFR) letter for the area known as "Hazardous Waste Management Unit #4". The pursuit of closure completion on those areas of the Harvester Square containing hazardous metals related to the foundry sand drums will allow the City of Sycamore to request possible financial assistance from Sloan Valve Company and Mr. DiNicola. This financial and regulatory linkage already exists, due to the partial IEPA RCRA closure obtained on the other three Hazardous Waste Management Units.
- It is likely the IEPA will require further investigation of the "Hazardous Waste Management Unit #4" area, as their response to the City of Sycamore's application for enrollment of this Harvester Square site into the SRP. Some additional cleanup actions will be necessary.

- As part of the enclosed SRP application form DRM-1, item V. Advance Partial Payment, a \$500.00 advance partial payment for IEPA review and oversight services is required from Remediation Applicant (City of Sycamore). Please provide a \$500.00 check payable to the Illinois Environmental Protection Agency. Include on the check "For Deposit in the Hazardous Waste Fund", and include applicants FEIN #.
- Once the "Focused" NFR letter has been obtained for this site and "Hazardous Waste Management Unit #4", Marlin Environmental will pursue a "Comprehensive" NFR determination from the IEPA for the entire above referenced facility. This effort will deal with the liabilities and contamination associated with the many other chemicals, wastes, machines and tools stored in the building unrelated to the drums of foundry sand. To obtain "Comprehensive" NFR status, Marlin Environmental can apply for a financial grant from the State of Illinois Brownfields program on behalf of the City of Sycamore. Sloan Valve Company and Mr. DiNicola will probably have no financial linkage to this comprehensive investigation and cleanup.

Please sign the attached DRM 1 and 2 forms where indicated and furnish the City FEIN # where indicated. Contact us when the forms are completed and the \$500.00 check is ready. Marlin Environmental will pick up the DRM forms and check for completion of the application to the IEPA SRP. Several completed copies of the application will be provided to the City of Sycamore. If you have any questions or require additional information or assistance with the forms, please do not hesitate to contact our office at 895-2177, or 847-468-8855.

Sincerely,

MARLIN ENVIRONMENTAL, INC.



Thomas M. Mangan, IL.PG.
Senior Project Manager



Kyle Webb
Project Manager

Enclosures

Illinois Environmental Protection Agency
Bureau of Land
Re:medial Project Management Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

FOR ILLINOIS EPA USE:
LOG No. _____

- \$500 Advance Partial Payment Included
 DRM-2 SRP Form Included
 DRM-3 Request for Assessment Included
 DRM-4 Tax Credit Budget Plan Included

Site Remediation Program Application and Services Agreement (DRM- 1) Form

I. Site Identification:

Site Name:	Former Harvester Square Facility		
Street Address:	400 South Street		
City:	Sycamore	ZIP Code:	60178
County:	DeKalb	Approximate Size of Site (Acres):	3
Illinois Inventory I.D. Number:	0370555069	U.S. EPA I.D. Number:	None
Site Base Map Attached	<input checked="" type="checkbox"/>	Illinois EPA Permit(s): _____	
LUST/IEMA Incident Number(s), if applicable: Not Applicable			

II. Remediation Applicant ("RA"):

RA's Name:	Mr. Bill Nicholas		
Company:	City of Sycamore		
Street Address:	535 DeKalb Avenue		
City:	Sycamore	State:	Illinois ZIP Code: 60178
Phone:	815-895-4853	FEIN or SSN:	_____

I hereby certify that I am authorized to sign this application and services agreement. I certify that the proposed project meets the eligibility criteria set forth in Section 58.1(a)(2) of the Environmental Protection Act (415 ILCS 5/58.1(a)(2)) and regulations promulgated thereunder and that this submittal and all attachments were prepared at my direction. In consideration for the Illinois EPA's agreement to provide (subject to applicable law, available resources, and receipt of the advance partial payment) review and evaluation services for activities carried out pursuant to Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58-58.12), I agree to:

- (1) Conform with the procedures of Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58 - 58.12) and implementing regulations;
- (2) Allow for or otherwise arrange site visits or other site evaluations by the Illinois EPA when requested;
- (3) Pay any reasonable costs incurred and documented by the Illinois EPA in providing such services*, and
- (4) Make an advance partial payment to the Illinois EPA for such anticipated services provided in Section V of this application.

As the Remediation Applicant, I understand that I may terminate this services agreement at any time, by notifying the Illinois EPA in writing that services previously requested under the services agreement are no longer wanted. Within 180 days after receipt of the notice, the Illinois EPA shall provide me with a final invoice for services provided until the date of receipt of such notification.

To the best of my knowledge and belief, this request and all attachments are true, accurate and complete. I hereby certify that I have the authority to enter into this agreement.

RA's Signature  Date: _____

*In addition to the fees applicable under this Services Agreement, the recipient of a No Further Remediation Letter must pay to the Illinois EPA a No Further Remediation Assessment in the amount of the lesser of \$2500 or an amount equal to the costs incurred by the Illinois EPA under this Agreement (35 IAC 740.615).

III. Project Objectives:

<p>A. Release Letter Requested.</p> <p>Please complete one of the subsections by checking applicable boxes and including other information (if necessary, additional information may be attached to this application form):</p>	<p><input type="checkbox"/> Comprehensive No Further Remediation ("NFR") Letter</p> <p><input checked="" type="checkbox"/> Focused NFR Letter ("Hazardous Waste Management Unit #4") Identify the focused contaminants of concern by checking the applicable box(es):</p> <table style="margin-left: 20px;"> <tr> <td><input type="checkbox"/> Volatiles</td> <td><input type="checkbox"/> BTEX</td> <td><input type="checkbox"/> PCBs</td> <td><input checked="" type="checkbox"/> Metals</td> </tr> <tr> <td><input type="checkbox"/> Semivolatiles</td> <td><input type="checkbox"/> PNAs</td> <td><input type="checkbox"/> Pesticides</td> <td></td> </tr> </table> <p>Other (identify): <u>Hazardous Waste Management Unit (HWML 5) and RCRA metals</u></p> <p><input type="checkbox"/> 4(y) Letter Identify the focused contaminants of concern by checking the applicable box(es):</p> <table style="margin-left: 20px;"> <tr> <td><input type="checkbox"/> Volatiles</td> <td><input type="checkbox"/> BTEX</td> <td><input type="checkbox"/> PCBs</td> <td><input type="checkbox"/> Metals</td> </tr> <tr> <td><input type="checkbox"/> Semivolatiles</td> <td><input type="checkbox"/> PNAs</td> <td><input type="checkbox"/> Pesticides</td> <td></td> </tr> </table> <p>Other (identify): _____</p> <p>Identify the media of concern by checking applicable boxes:</p> <p><input type="checkbox"/> Soil <input type="checkbox"/> Sediments Other: _____</p> <p>Identify the actions (e.g., drum removal, spill response, etc.):</p> <div style="border: 1px solid black; height: 100px; margin-top: 10px;"></div>	<input type="checkbox"/> Volatiles	<input type="checkbox"/> BTEX	<input type="checkbox"/> PCBs	<input checked="" type="checkbox"/> Metals	<input type="checkbox"/> Semivolatiles	<input type="checkbox"/> PNAs	<input type="checkbox"/> Pesticides		<input type="checkbox"/> Volatiles	<input type="checkbox"/> BTEX	<input type="checkbox"/> PCBs	<input type="checkbox"/> Metals	<input type="checkbox"/> Semivolatiles	<input type="checkbox"/> PNAs	<input type="checkbox"/> Pesticides	
<input type="checkbox"/> Volatiles	<input type="checkbox"/> BTEX	<input type="checkbox"/> PCBs	<input checked="" type="checkbox"/> Metals														
<input type="checkbox"/> Semivolatiles	<input type="checkbox"/> PNAs	<input type="checkbox"/> Pesticides															
<input type="checkbox"/> Volatiles	<input type="checkbox"/> BTEX	<input type="checkbox"/> PCBs	<input type="checkbox"/> Metals														
<input type="checkbox"/> Semivolatiles	<input type="checkbox"/> PNAs	<input type="checkbox"/> Pesticides															
<p>B. Identify any support services being sought from the Illinois EPA in addition to the review and evaluation services (if necessary, additional information may be attached to this application form):</p>	<p><input checked="" type="checkbox"/> No additional support services are being sought</p> <p><input type="checkbox"/> Assistance with community relations</p> <p><input type="checkbox"/> Environmental Remediation Tax Credit Budget Review (Attach DRM-4 application)</p> <p><input type="checkbox"/> Sample collection and analyses</p> <p><input type="checkbox"/> Other (identify): _____</p>																
<p>C. Anticipated Schedule</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SRP Document</th> <th style="text-align: center;">Projected Date of Receipt by Illinois EPA</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Site Investigation Report</td> <td style="text-align: center;"><u>January 27, 2003</u></td> </tr> <tr> <td style="text-align: center;">Remediation Objectives Report</td> <td></td> </tr> <tr> <td style="text-align: center;">Remedial Action Plan</td> <td></td> </tr> <tr> <td style="text-align: center;">Remedial Action Completion report</td> <td></td> </tr> </tbody> </table>	SRP Document	Projected Date of Receipt by Illinois EPA	Site Investigation Report	<u>January 27, 2003</u>	Remediation Objectives Report		Remedial Action Plan		Remedial Action Completion report							
SRP Document	Projected Date of Receipt by Illinois EPA																
Site Investigation Report	<u>January 27, 2003</u>																
Remediation Objectives Report																	
Remedial Action Plan																	
Remedial Action Completion report																	
<p>D. Identify the current and post-remediation uses of the remediation site (if necessary, additional information may be attached to this application form):</p>	<p>Current Use: <u>City of Sycamore owned former industrial property.</u></p> <p>Post-Remediation Use: <u>Based upon the discretion of the City of Sycamore. Possible commercial/Industrial redevelopment.</u></p>																

IV. Written Permission from the Property Owner (check one of the applicable boxes and provide additional information):

RA is the property owner of the remediation site identified in Section I of this application.

RA is not the property owner of the remediation site identified in Section I of this application.

Property Owner's Name: City of Sycamore

Title: Mr. Bill Nichols, City Administrator (Agent)

Company: City of Sycamore

Street Address: 5035 DeKalb Avenue

City: Sycamore State: IL ZIP Code: 60178 Phone: 815-895-4853

I hereby certify that the Remediation Applicant has my permission to enroll the site identified in Section I of this application into the Illinois EPA Site Remediation Program. I certify that the Remediation Applicant and designated representatives have permission to enter upon the indicated premises for the purpose of conducting remedial investigations or activities.

Owner's Signature (X)

Date: _____

For multiple property owners, attach additional sheets containing all the information above along with a signed, dated certification for each.

V. Advance Partial Payment:

The Remediation Applicant shall select one of the following advance partial payment plans:

Plan 1: A \$500 advance partial payment is included with this application. Please make the check payable to "Illinois Environmental Protection Agency". Please include "For Deposit in the Hazardous Waste Fund" and the Remediation Applicant's FEIN or SSN on the check; or

Plan 2: Request that the Illinois EPA determine the appropriate partial payment (i.e., approximately one-half of the total anticipated costs of the Illinois EPA, not to exceed \$5,000). A completed DRM-3 form ("Request for Assessment of Advance Partial Payment for Anticipated Services") must accompany this application so that the Illinois EPA may determine the appropriate advance partial payment specific to the services requested.

NOTE: Illinois EPA cannot refund payments without a legislative appropriation. Payment under Plan 1 accelerates the review process but increases the risk of forfeiting the payment if the applicant is ineligible. Payment under Plan 2 may result in a larger advance partial payment when a final determination is made on the application, but it reduces the risk of forfeiture.

A If this application contains plans and reports for review and evaluation by the Illinois EPA, a completed Form DRM-2 must also accompany this submittal.

The Illinois EPA is authorized to require this information under Section 415 ILCS 5/5B-58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your application being rejected. This form has been approved by the Forms Management Center. All information submitted as part of this Application is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines.

TOPOGRAPHIC MAP - 174867.4p - TOWNSHIP 41N, Range 15E, Section 32



Source: US Geological Survey 1-Degree Digital Elevation Model
Compiled 09/15/92 ~~Residential~~ - Residential

A horizontal number line representing distance in miles. The line starts at 0 and ends at 2. There are tick marks at 0, 1/4, 1/2, 1, and 2. The label "Miles" is centered below the line.

- N - Major Roads
 N - Contour lines (25 foot interval unless otherwise shown)
 N - Waterways.


 Federal / Commercial
 = Aspinwall
 S = State
 F = Federal
 S = State

- Earthquake epicenter, Richter 5 or greater.
 - Closest well according to (F)ederal or (S)tate database in quadrant.
 - Closest public water supply well.

Figure 1

TARGET PROPERTY: Essex/Diamond Wire-South St.
ADDRESS: 350-406 South St.
CITY/STATEZIP: Sycamore IL 60178
LAT/LONG: 41.9853 / 88.5913

CONTACT: Tom Mangan
INQUIRY #: 174867.4p
DATE: April 25, 1995

Illinois Environmental Protection Agency
Bureau of Land
Remedial Project Management Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

FOR ILLINOIS EPA USE:
LOG NO. _____

Site Remediation Program Form (DRM-2)
(To Be Submitted with all Plans and Reports)

I. Site Identification:

Site Name:	Former Harvester Square Facility		
Street Address:	400 South Street		
City:	Sycamore	Illinois Inventory I. D. Number:	0370555069
IEMA Incident Number:	None		

II. Remediation Applicant:

Applicant's Name:	Mr. Bill Nicklas	Agent	Company:	City of Sycamore
Street Address:	535 DeKalb Avenue			
City:	Sycamore	State:	IL	ZIP Code: 60178 Phone: 815-895-4853
I hereby request that the Illinois EPA review and evaluate the attached project documents in accordance with the terms and conditions of the Environmental Protection Act (415 ILCS 5), implementing regulations, and the review and evaluation services agreement.				
Remediation Applicant's Signature:	Date: _____			

III. Contact Person:

Contact's Name:	Mr. Bill Nicklas	Company:	City of Sycamore
Street Address:	535 DeKalb Avenue		
City:	Sycamore	State:	IL ZIP Code: 60178 Phone: 815-895-4853

IV. Review & Evaluation Licensed Professional Engineer or Geologist ("RELPEG"), if applicable:

RELPEG's Name:	Company:		
Street Address:			
City:	State:	ZIP Code:	Phone:
Registration Number:	License Expiration Date:		

All information submitted is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines. The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/58 - 58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.

V. Project Documents Being Submitted:

Document Title: <u>Phase II Environmental Site Assessment</u>	Date of Preparation of Plan or Report: <u>9/20/02</u>
Prepared by: <u>Martin Environmental</u>	Prepared for: <u>City of Sycamore</u>
<u>Type of Document Submitted:</u>	
Site Investigation Report - Comprehensive	Sampling Plan
Site Investigation Report - Focused	Health and Safety Plan
Remediation Objectives Report-Tier 1 or 2	Community Relations Plan
Remediation Objectives Report-Tier 3	Risk Assessment
Remedial Action Plan	Contaminant Fate & Transport Modeling
Remedial Action Completion Report	Environmental Remediation Tax Credit - Budget Plan Review
Other: <u>Phase II Site Assessment</u>	

Document Title: _____	Date of Preparation of Plan or Report: _____
Prepared by: _____	Prepared for: _____
<u>Type of Document Submitted:</u>	
Site Investigation Report - Comprehensive	Sampling Plan
Site Investigation Report - Focused	Health and Safety Plan
Remediation Objectives Report-Tier 1 or 2	Community Relations Plan
Remediation Objectives Report-Tier 3	Risk Assessment
Remedial Action Plan	Contaminant Fate & Transport Modeling
Remedial Action Completion Report	Environmental Remediation Tax Credit - Budget Plan Review
Other: _____	

VI. Professional Engineer's or Geologist's Seal or Stamp:

I attest that all site investigations or remedial activities that are the subject of this plan(s) or report(s) were performed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the Illinois Environmental Protection Act (415 ILCS 5), 35 Ill. Adm. Code 740, and generally accepted engineering principles or principles of professional geology, and the information presented is accurate and complete.

Engineer or Geologist Name: Thomas Mangan

Company: Martin Environmental Phone: 815-468-8155

Registration Number: 196-000449

Signature: X Thomas M. Mangan

License Expiration Date: 3-31-03



Note: The authority of a Licensed Professional Geologist to certify documents submitted to the Illinois Environmental Protection Agency for review and evaluation pursuant to Title XVII of the Environmental Protection Act, is limited to Site Investigation Reports (415 ILCS 58.7(f), as amended by P.A. 92-0735, effective July 25, 2002). A Licensed Professional Geologist cannot certify Remediation Objectives Reports, Remedial Action Plans or Remedial Action Completion Reports.

ATTACHMENT 2

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-1		Page 1 of 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Site Name: City of Sycamore – Harvester Square Address: 370 South Street Sycamore, IL				Boring Location: On City property just across South Avenue from "370".		Date: Start 8/2/04 Finish 8/2/04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Sample Number		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Q _u	OVA/PID/FID/OVM	Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	2	3	4	5	6	7	8	9	10	FOUR FOOT SPLIT-SPOON MACRO CORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<table border="1"> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> <th>16</th> <th>17</th> <th>18</th> <th>19</th> <th>20</th> <th>21</th> <th>22</th> <th>23</th> <th>24</th> <th>25</th> <th>26</th> </tr> </thead> <tbody> <tr> <td>8"</td> <td>9"</td> <td>16"</td> <td>14"</td> <td>24"</td> <td>24"</td> <td>22"</td> <td>24"</td> <td>ML</td> <td>ML</td> <td>CL</td> <td></td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> <td colspan="2">18</td> <td colspan="2">19</td> <td colspan="2">20</td> <td colspan="2">21</td> <td colspan="2">22</td> <td colspan="2">23</td> <td colspan="2">24</td> <td colspan="2">25</td> <td colspan="2">26</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2"></td></tr></tbody></table>											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	8"	9"	16"	14"	24"	24"	22"	24"	ML	ML	CL																	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		1		2			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
8"	9"	16"	14"	24"	24"	22"	24"	ML	ML	CL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1		2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-2	Page 1 of 1						
Site Name: City of Sycamore ~ Harvester Square				Boring Location: SW corner of Cottage Row and South Avenue.	Date: Start 8/2/04						
Address: 370 South Street Sycamore, IL					Finish 8/2/04						
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
1	1	5"	ML	1	Topsoil 3"	1	Grass Surface	D	0.75	<1	
2	2	10"		2	Fill - brown-black stone, silt, sand	2		M	1.00	<1	
3	3	12"		3		3		M	1.25	<1	
4	4	20"		4	Same - dry, organics	4		M	1.50	<1	
5	5	22"		5	Clayey Silt - brown, moist, some sand, little gravel	5		M	1.50	<1	
6	6	24"		6		6		W	1.25	<1	
				7		7					
				8		8					
				9	Same - brown, some sand (med), some gravel, with clay	9					
				10		10					
				11		11					
				12	Same - brown	12	END OF BORING				
				13		13					
				14		14					
				15		15					
				16		16					
				17		17					
				18		18					
				19		19					
				20		20					
				21		21					
				22		22					
				23		23					
				24		24					
				25		25					
				26		26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data ▼ Depth While Drilling N/A		Auger Depth 12' Rig Geoprobe		Rotary Depth N/A Geologist Kyle Webb		Driller/Co. Enviro-dynamics		 Illinois Environmental Protection Agency			
▼ Depth After Drilling N/A											
Note: Boring backfilled unless otherwise noted.											

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-3 (MW-1)	Page 1 of 1
Site Name: City of Sycamore – Harvester Square				Boring Location: SE intersection of Cottage Row and Stark Avenue.	Date: Start 8/2/04
Address: 370 South Street Sycamore, IL					Finish 8/2/04
				Detailed Soil and Rock Description	
				Grass Surface (Easement)	
				Depth (feet)	
				Lithology Symbol	
				Sample Recovery	
				Sample Device	
				Sample Number	
1				1	
2				2	
3				3	
4				4	
5				5	
6				6	
7				7	
8				8	
11				11	
16				16	
20				20	
24				24	
24				24	
24				24	
24				24	
26				26	
FOUR FOOT SPLIT-SPOON MACRO CORE					
Detailed Soil and Rock Description Grass Surface (Easement) Depth (feet) Lithology Symbol Sample Recovery Sample Device Sample Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 Topsoil 4" Fill - black, organic topsoil, sand-silt loam Clayey Silt - brown, silt with clay, some medium sand Same - brown Same - brown-gray Same - gray END OF BORING					
Natural Moisture Content % Hand Penetrometer Qu					
OVA/PID/FID/OVM					
Remarks					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.					
Groundwater Data		Auger Depth 16' Rig Geoprobe		 Illinois Environmental Protection Agency	
Depth While Drilling 12.00'		Rotary Depth N/A Geologist Kyle Webb			
Depth After Drilling N/A		Driller/Co. Enviro-dynamics			
		Note: Boring backfilled unless otherwise noted.			

LUST Incident No.:				Boring Number: MW-2	Page 1 of 1						
Site Name: City of Sycamore – Harvester Square				Boring Location: South intersection of South Avenue and Cottage Row.	Date: Start 8/2/04						
Address: 370 South Street Sycamore, IL					Finish 8/2/04						
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks		
1	FOUR FOOT SPLIT-SPOON MACRO CORE	ML	2"	1	Topsoil 4"	D	0.25	<1			
2				2	Clayey Silt – brown, with clay, little to some medium sand, little to some gravel	D	0.25	<1			
3				3		M	0.75	<1			
4				4		M	1.00	<1			
5				5		M	0.75	<1			
6				6"	Same – brown	M	0.75	<1			
7				7		W	1.00	<1			
8				8		W	1.25	<1			
				9"							
				9"							
				11"							
				11"							
				CL							
				16	Silty Clay – gray, plastic						
		17				END OF BORING					
		18									
		19									
		20									
		21									
		22									
		23									
		24									
		25									
		26									
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data		Auger Depth 16' Rig Geoprobe				 <p>Illinois Environmental Protection Agency</p>					
Depth While Drilling 12.00'		Rotary Depth N/A Geologist Kyle Webb									
Depth After Drilling N/A		Driller/Co. Enviro-dynamics									
		Note: Boring backfilled unless otherwise noted.									

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Data ▼ Depth While Drilling 12.00'	Auger Depth 16' Rig Geoprobe	 Illinois Environmental Protection Agency
▼ Depth After Drilling N/A	Rotary Depth N/A Geologist Kyle Webb	
	Driller/Co. Enviro-dynamics	
Note: Boring backfilled unless otherwise noted.		



Illinois
Environmental
Protection
Agency

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: MW-3	Page 1 of 1						
Site Name: City of Sycamore – Harvester Square				Boring Location: East easement of South Avenue, City Easement.	Date: Start <u>8/2/04</u>						
Address: 370 South Street Sycamore, IL					Finish <u>8/2/04</u>						
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Device	Sample Number	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks		
1	2	3	4	5	6"	1	3" Topsoil	D	N/A	<1	SAMPLE
6	7	8	9	10	6"	2	Fill - stiff, organic, wood chips	D	1.00	<1	
11	12	13	14	15	23"	3	Same - softer, brown, more silt	M	1.00	<1	
16	17	18	19	20	ML	4	Clayey Silt - brown, soft, with clay, little to some medium coarse sand and gravel	M	1.50	<1	
21	22	23	24	25	24"	5		M	1.25	<1	
26	27	28	29	30	21"	6		M/W	1.50	<1	
31	32	33	34	35	24"	7		M	0.75	<1	
36	37	38	39	40	CL	8		M	0.75	<1	
41	42	43	44	45	46	9					
47	48	49	50	51	52	10					
53	54	55	56	57	58	11					
59	60	61	62	63	64	12					
65	66	67	68	69	70	13					
71	72	73	74	75	76	14					
77	78	79	80	81	82	15	Silty Clay - gray, soft, highly plastic with stone and gravel				
83	84	85	86	87	88	16					
89	90	91	92	93	94	17	END OF BORING				
95	96	97	98	99	100	18					
101	102	103	104	105	106	19					
107	108	109	110	111	112	20					
113	114	115	116	117	118	21					
119	120	121	122	123	124	22					
125	126	127	128	129	130	23					
131	132	133	134	135	136	24					
137	138	139	140	141	142	25					
143	144	145	146	147	148	26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data		Auger Depth <u>16'</u> Rig <u>Geoprobe</u>									
 Depth While Drilling <u>10.00'</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>									
 Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>									
Note: Boring backfilled unless otherwise noted.											
 Illinois Environmental Protection Agency											

LUST Incident No.:				Boring Number: BB-3	Page 1 of 1			
Site Name: City of Sycamore – Harvester Square				Boring Location: West of boiler, E easement of South Avenue.	Date: Start 8/2/04			
Address: 370 South Street Sycamore, IL					Finish 8/2/04			
Sample Number		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description		Remarks
1	1	3"		ML	1	Grass Surface		SAMPLE
2	2	7"			2	Fill Brick, rubble, glass, silt, sand		
3	3	18"			3			
4	4	24"			4			
5	5	22"			5	Clayey Silt - brown, with clay, little to some medium sand		
6	6	24"			6			
					7	Some - little sub-round gravel, plastic, cohesive		
					8			
					9	8.5' - sand seam		
					10	Same		
					11			
					12	Same - sand seam at 11.0'		
					13	END OF BORING		
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
				25				
				26				
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.								
Groundwater Data		Auger Depth 12' Rig Geoprobe						
 Depth While Drilling N/A		Rotary Depth N/A Geologist Kyle Webb						
 Depth After Drilling N/A		Driller/Co. Enviro-dynamics						
Note: Boring backfilled unless otherwise noted.								
		 Illinois Environmental Protection Agency						

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-4	Page 1 of 1				
Site Name: City of Sycamore – Harvester Square				Boring Location: Between Blumen Gardens and city property up ramp to get to water tower.	Date: Start <u>8/2/04</u> Finish <u>8/2/04</u>				
Address: 370 South Street Sycamore, IL									
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
1	FOUR FOOT SPLIT-SPOON MACRO CORE		ML	6"	1 Fill – black, odor, wood chips, debris, silt, medium sand 2 Same 3 Clayey Silt – brown, with clay, little sand, medium – coarse, some gravel 4 Rod refusal - concrete	D D M M	<1 <1 <1 <1		
2				7"					
3				8"					
4				11"					
					END OF BORING				
				1					
				2					
				3					
				4					
				5					
				6					
				7					
				8					
				9					
				10					
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Data		Auger Depth <u>7'</u> Rig <u>Geoprobe</u>				 <p>Illinois Environmental Protection Agency</p>			
Depth While Drilling <u>N/A</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>							
Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>							
		Note: Boring backfilled unless otherwise noted.							

LUST Incident No.:				Boring Number: BB-5	Page 1 of 1			
Site Name: City of Sycamore – Harvester Square				Boring Location: Up wood chips ramp in Blumen Avenue to get to water tower.	Date: Start 8/2/04			
Address: 370 South Street Sycamore, IL					Finish 8/2/04			
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	Remarks
1			ML	6"	Fill - black, silt, sand, glass, wood	D		
2				1		D		
3				2		D		
4				3		D		
5				4		D		
6				5	Sand - coarse white sand, silt	D		
				6	Red brick and glass?	D		
				7	Sand and Gravel - white?	D		
				8	Clayey Silt - brown, with clay, little to some medium sand, trace to little sub-round gravel	D		
				9		M		
				10				
				11	Same - brown			
				12				
				13	END OF BORING			
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				
				23				
				24				
				25				
			26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.								
Groundwater Data ▼ Depth While Drilling N/A		Auger Depth 12' Rig Geoprobe			 Illinois Environmental Protection Agency			
		Rotary Depth N/A Geologist Kyle Webb						
		Driller/Co. Enviro-dynamics						
Note: Boring backfilled unless otherwise noted.								

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-6	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square				Boring Location: Up on the water tower pad.	Date: Start <u>8/2/04</u>					
Address: 370 South Street Sycamore, IL					Finish <u>8/2/04</u>					
Sample Device		Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description		Remarks		
1	2	3	9"	11"	12"	Concrete Pad Surface	Natural Moisture Content %		Hand Penetrometer Qu	OVA/PID/FID/OVM
FOUR FOOT SPLIT-SPOON MACRO CORE		1	9"	11"	1	Fill - white	D	D	<1	<1
		2			2	Fill - brown silt, sand, and debris				
		3			4	Same - red				
		5			6	Same - white				
		7			8	END OF BORING				
		9			Concrete - former building foundation					
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								
		20								
		21								
		22								
		23								
		24								
		25								
		26								

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Data Depth While Drilling N/A	Auger Depth <u>6'</u> Rig <u>Geoprobe</u> Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u> Driller/Co. <u>Enviro-dynamics</u>	 Illinois Environmental Protection Agency
Depth After Drilling N/A	Note: Boring backfilled unless otherwise noted.	

LUST Incident No.:					Boring Number: MW-4	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square					Boring Location: NW well up on concrete pad west of former water tower.	Date: Start <u>8/2/04</u>					
Address: 370 South Street Sycamore, IL						Finish <u>8/2/04</u>					
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Device	Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description		Remarks		
1	2	3	4	5	6	7"	Concrete Pad Surface	Natural Moisture Content %		Hand Penetrometer Qu	OVA/PID/FID/OVM
						7"	5" concrete Fill - white	D		<1	
						7"	Fill - black, sand, glass	D		<1	
						4"	3.5' – 4.5' – Fill – red, bits of metal,	M		<1	
						8"	4.5' – Fill – black, debris, wood, gravel	M		<1	
						16"	Fill – white	M		<1	
						24"	Clayey Silt – brown, soft, with clay, little to some medium sand, little sub-round gravel	M		<1	
							END OF BORING				
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data			Auger Depth <u>12'</u> Rig <u>Geoprobe</u>						 Illinois Environmental Protection Agency		
▼ Depth While Drilling <u>N/A</u>			Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>								
△ Depth After Drilling <u>N/A</u>			Driller/Co. <u>Enviro-dynamics</u>								
Note: Boring backfilled unless otherwise noted.											

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:					Boring Number: BB-7	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square					Boring Location: NE corner of concrete pad where water tower sat.	Date: Start <u>8/2/04</u>					
Address: 370 South Street Sycamore, IL						Finish <u>8/2/04</u>					
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description			Remarks	
1	2	3	4	5	ML	6	Concrete Pad Surface	Natural Moisture Content %	Hand Penetrometer Qu		OVA/PID/FID/OVM
				5"		1	5" concrete	D		≤1	
						2	Fill – sand, silt, bits of metal, wood, debris	D		≤1	
				9"		3	Black	M		≤1	
						4		M		≤1	
				6"		5		M		≤1	
						6	5.5' Brown	W		≤1	
				8"		7				≤1	
						8				≤1	
				13"		9	Clayey Silt – brown, trace to little sand, trace to little gravel, soft			≤1	
						10				≤1	
				24"		11				≤1	
						12	Same			≤1	
						13	END OF BORING				
						14					
						15					
						16					
						17					
						18					
						19					
						20					
						21					
						22					
						23					
						24					
						25					
						26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data		Auger Depth <u>12'</u> Rig <u>Geoprobe</u>									
▼ Depth While Drilling <u>11.00'</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>									
△ Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>									
Note: Boring backfilled unless otherwise noted.											

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-8	Page 1 of 1							
Site Name: City of Sycamore – Harvester Square				Boring Location: Boring right next to where tower sat.	Date: Start 8/2/04							
Address: 370 South Street Sycamore, IL					Finish 8/2/04							
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
1	1	6"			ML	1	4" concrete	D		<1		
2	2	8"				2	Fill – white	D		<1		
3	3	5"				3	Fill – gray	M		<1		
4	4	11"				4		M		<1		
5	5	14"				5	4.5' – Fill - brown	M		<1		
6	6	20"				6				<1		
						7				<1		
						8	Clayey Silt – brown, silty with clay, little medium sand, trace gravel					
						9						
						10						
						11	Same					
						12						
						13	END OF BORING					
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						
						23						
						24						
						25						
						26						
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.												
Groundwater Data		Auger Depth 12' Rig Geoprobe								 Illinois Environmental Protection Agency		
 Depth While Drilling 10.00'		Rotary Depth N/A Geologist Kyle Webb										
 Depth After Drilling N/A		Driller/Co. Enviro-dynamics										
Note: Boring backfilled unless otherwise noted.												

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-9		Page 1 of 1			
Site Name: City of Sycamore – Harvester Square				Boring Location: Entryway, just inside the garage door.		Date: Start <u>8/3/04</u>			
Address: 370 South Street Sycamore, IL						Finish <u>8/3/04</u>			
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description		Remarks
1	2	3	4	5	6	8"	D	Natural Moisture Content %	
						11"	D	Hand Penetrometer	
						7"	M	OVA/PID/FID/OVM	
						14"	Qu		
						21"			
						24"			
Concrete Floor Surface									
4" concrete Fill – sand, gravel, concrete									
Clayey Silt – brown, soft, plastic, silt with clay, trace coarse sand, little sub-round gravel									
Same – brown									
Same - brown									
END OF BORING									
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26									
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Data		Auger Depth <u>12'</u> Rig <u>Geoprobe</u>						 Illinois Environmental Protection Agency	
 Depth While Drilling <u>8.00'</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>							
 Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>							
Note: Boring backfilled unless otherwise noted.									

LUST Incident No.:				Boring Number: BB-10	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square				Boring Location: East of BB-8 near sewer grate in opening of "Main Hall" (Room F/A).	Date: Start 8/3/04					
Address: 370 South Street Sycamore, IL					Finish 8/3/04					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
1	FOUR FOOT SPLIT-SPOON MACRO CORE	8"	ML	1	Fill – sand, silt, brick, concrete	D		<1	SAMPLE	
2				2						
3				10"						3
4				21"	4	Clayey Silt – brown silt with clay, trace to little medium to coarse sand, soft, plastic, cohesive, trace to some gravel	M			<1
5				24"	5		M			<1
6				24"	6		M			<1
					7		M			<1
					8		M			<1
					9	Same – brown	M			<1
					10					
					11	Same - brown	W			<1
					12					
					13	END OF BORING				
					14					
					15					
					16					
					17					
					18					
					19					
					20					
					21					
					22					
					23					
					24					
					25					
					26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data ▼ Depth While Drilling 10.00'		Auger Depth 12' Rig Geoprobe				Illinois Environmental Protection Agency				
Depth After Drilling N/A		Rotary Depth N/A Geologist Kyle Webb								
		Driller/Co. Enviro-dynamics								
		Note: Boring backfilled unless otherwise noted.								

LUST Incident No.:				Boring Number: BB-10	Page 1 of 1		
Site Name: City of Sycamore -- Harvester Square				Boring Location: East of BB-8 near sewer grate in opening of "Main Hall" (Room F/A).	Date: Start 8/3/04		
Address: 370 South Street Sycamore, IL					Finish 8/3/04		
FOUR FOOT SPLIT-SPOON MACRO CORE				Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	Remarks
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)			
1			ML	8"	Fill - sand, silt, brick, concrete	D	SAMPLE
2				1		D	
3				2		M	
4				3		M	
5				4	Clayey Silt - brown silt with clay, trace to little medium to coarse sand, soft, plastic, cohesive, trace to some gravel	M	
6				5		M	
				6		W	
				7			
				8			
				9	Same - brown		
				10			
				11	Same - brown		
				12			
				13	END OF BORING		
				14			
				15			
				16			
				17			
				18			
				19			
				20			
				21			
				22			
				23			
			24				
			25				
			26				
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.							
Groundwater Data ▼ Depth While Drilling 10.00'		Auger Depth 12' Rig Geoprobe			 Illinois Environmental Protection Agency		
		Rotary Depth N/A Geologist Kyle Webb					
▼ Depth After Drilling N/A		Driller/Co. Enviro-dynamics					
		Note: Boring backfilled unless otherwise noted.					

LUST Incident No.:				Boring Number: MW-5	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square				Boring Location: Inside main hall (area G).	Date: Start 8/3/04					
Address: 370 South Street Sycamore, IL					Finish 8/3/04					
Sample Number		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
1				ML	1	4" Concrete	D	M	<1	SAMPLE
2					2	Fill – silt, clay, sand, gravel, black, dry				
3					3					
4					4	Clayey Silt – brown, soft, cohesive, plastic, some medium sand, trace to some sub-round gravel				
5					5					
6					6					
7					7	Same – brown				
8					8					
					9	Same – brown				
					10					
					11					
					12	Same – brown				
					13					
					14					
					15	Silty Clay – gray, moist, medium stiff, cohesive, plastic				
					16					
				17	END OF BORING					
				18						
				19						
				20						
				21						
				22						
				23						
				24						
				25						
				26						
FOUR FOOT SPLIT-SPOON MACRO CORE										
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data		Auger Depth 16' Rig Geoprobe								
▼ Depth While Drilling 11.00'		Rotary Depth N/A Geologist Kyle Webb								
▽ Depth After Drilling N/A		Driller/Co. Enviro-dynamics								
Note: Boring backfilled unless otherwise noted.										
 Illinois Environmental Protection Agency										

LUST Incident No.:				Boring Number: BB-11	Page 1 of 1							
Site Name: City of Sycamore – Harvester Square				Boring Location: Just W of ramp up to room H/I.	Date: Start 8/3/04							
Address: 370 South Street Sycamore, IL					Finish 8/3/04							
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks			
1	FOUR FOOT SPLIT-SPOON MACRO CORE	8"		1	4" Concrete Fill – coarse sand, gravel, silt	D		<1	SAMPLE			
2				2		M		<1				
3				3		M		<1				
4				4	3.5' – Clayey Silt – brown, soft, silt with clay, trace sand, cohesive	M		<1				
5				5		W		<1				
6				6	Same – brown, soft	M		<1				
				7				END OF BORING				
				8								
				9								
				10								
				11	Same – brown, soft							
				12								
				13								
				14								
				15								
				16								
				17								
				18								
				19								
				20								
				21								
				22								
				23								
				24								
				25								
				26								
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.												
Groundwater Data		Auger Depth 12' Rig Geoprobe										
Depth While Drilling 9.00'		Rotary Depth N/A Geologist Kyle Webb										
Depth After Drilling N/A		Driller/Co. Enviro-dynamics										
Note: Boring backfilled unless otherwise noted.												

LUST Incident No.:				Boring Number: BB-12	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square				Boring Location: In room D, near the S extents when it meets room F.	Date: Start <u>8/3/04</u>					
Address: 370 South Street Sycamore, IL					Finish <u>8/3/04</u>					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description			Remarks		
					Concrete Floor Surface				Natural Moisture Content %	Hand Penetrometer Qu
1	FOUR FOOT SPLIT-SPOON MACRO CORE	5"	ML	1	4" concrete Fill – silt, concrete, sands			D	<1	SAMPLE
2		9"		2				M	<1	
3		21"		3				M	<1	
4		24"		4	Clayey Silt – brown, soft, cohesive, plastic, little to some medium sand, trace to little gravel			M	<1	
5		22"		5				M	<1	
6		24"		6				M	<1	
				7	Same – brown			M	<1	
				8				M	<1	
				9	Same – brown			M	<1	
				10				W	<1	
				11	Same – brown			M	<1	
				12						
				13	END OF BORING					
				14						
				15						
				16						
				17						
				18						
				19						
				20						
				21						
				22						
				23						
				24						
			25							
			26							
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data		Auger Depth <u>12'</u> Rig <u>Geoprobe</u>						 Illinois Environmental Protection Agency		
▼ Depth While Drilling <u>9.50'</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>								
△ Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>								
Note: Boring backfilled unless otherwise noted.										

LUST Incident No.:				Boring Number: BB-13	Page 1 of 1					
Site Name: City of Sycamore - Harvester Square				Boring Location: At the base of the ramp, near the entrance to buildings J/K.	Date: Start 8/3/04					
Address: 370 South Street Sycamore, IL					Finish 8/3/04					
FOUR FOOT SPLIT-SPOON MACRO CORE		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
1	5"				1	4" concrete	D		<1	SAMPLE
2	9"				2	Fill - sand, silt, clay	D		<1	
3	20"				3	2.5' Clayey Silt - brown, soft, cohesive, plastic	M		<1	
4	24"				4		M		<1	
5	22"				5		W		<1	
6	24"				6		W		<1	
					7	Same - brown, soft, highly plastic, cohesive, some medium sand, little gravel	M		<1	
					8					
					9	8.3'-9.0' - Sand and Gravel Seam				
					10	Same - brown, plastic, cohesive, little sub-round gravel				
					11					
					12	Same - brown-gray, soft, plastic, higher clay content				
					13	END OF BORING				
					14					
					15					
					16					
					17					
					18					
					19					
					20					
					21					
					22					
					23					
					24					
					25					
					26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data ▼ Depth While Drilling 10.00'		Auger Depth 12' Rig Geoprobe						 Illinois Environmental Protection Agency		
▼ Depth After Drilling N/A		Rotary Depth N/A Geologist Kyle Webb								
		Driller/Co. Enviro-dynamics								
Note: Boring backfilled unless otherwise noted.										

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: MW-6	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square				Boring Location: In the center of Room C, by the big gate.	Date: Start 8/3/04					
Address: 370 South Street Sycamore, IL					Finish 8/3/04					
Sample Device		Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
FOUR FOOT SPLIT-SPOON MACRO CORE		5"	CL	1	4" concrete	D D D M M M/W W M	Qu	<1 <1 <1 <1 <1 <1 <1 <1	SAMPLE	
1	2	2		Fill – black, dry, silt and coarse sand						
3	4	3		*chunks of metal						
5	6	4								
7	8	11"		5	Clayey Silt – brown, soft, trace to little medium sand, cohesive, plastic					
9		17"		6						
10		21"		7	Same – brown					
11		24"		8						
12		20"		9	Same – brown					
13		24"		10						
14				11	Same – brown					
15				12						
16				13						
17				14						
18				15	14.5' – Silty Clay – gray, cohesive, medium stiff, plastic					
19				16						
20				17	END OF BORING					
21				18						
22				19						
23				20						
24			21							
25			22							
26			23							
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data		Auger Depth 16' Rig Geoprobe								Illinois Environmental Protection Agency
Depth While Drilling 12.50'		Rotary Depth N/A Geologist Kyle Webb								
Depth After Drilling N/A		Driller/Co. Enviro-dynamics								
Note: Boring backfilled unless otherwise noted.										

LUST Incident No.:				Boring Number: BB-14	Page 1 of 1							
Site Name: City of Sycamore - Harvester Square				Boring Location: In drum storage area, north center quadrant of Room D.	Date: Start 8/4/04							
Address: 370 South Street Sycamore, IL					Finish 8/4/04							
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description		Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks			
					Concrete Floor Surface					Natural Moisture Content %		
1	8"		ML	1	4" concrete Fill		M	<1				
2	16"			2	1.5' - Clayey Silt - brown, soft, silt with clay, trace sand		M					
3	19"			3	Same - brown, some clay, little, to some medium sand		M					
4	24"			4	Same - brown, soft, cohesive, plastic		M					
5	20"			5	Same - brown, soft, plastic, silt, some clay		M					
6	24"			6	Same - brown-gray silt, trace clay, some medium sand, trace gravel		W					
				13	END OF BORING							
				14								
				15								
				16								
				17								
				18								
				19								
				20								
				21								
				22								
				23								
				24								
				25								
				26								
FOUR FOOT SPLIT-SPOON MACRO CORE												
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.												
Groundwater Data		Auger Depth 12' Rig Geoprobe								 Illinois Environmental Protection Agency		
Depth While Drilling 10.00'		Rotary Depth N/A Geologist Kyle Webb										
Depth After Drilling N/A		Driller/Co. Enviro-dynamics										
Note: Boring backfilled unless otherwise noted.												

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$2,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-15	Page 1 of 1							
Site Name: City of Sycamore - Harvester Square Address: 370 South Street Sycamore, IL				Boring Location: South-central quadrant of Room D, between BB-10/13 to fill in gap. Center of old fork lift route for factory.	Date: Start 8/4/04 Finish 8/4/04							
FOUR FOOT SPLIT-SPOON MACRO CORE	Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description			Remarks			
	1	2	3	4	5	6	Concrete Floor Surface	Natural Moisture Content %		Hand Penetrometer Qu	OVA/PID/FID/OVM	
						7"	1	4" concrete, fill		D		<1
							2	Clayey Silt - brown, soft, plastic, cohesive		D		<1
						13"	3			M		<1
							4					<1
						10"	5					<1
							6	Same - brown, soft, plastic, little to some clay, some medium sand		M		
						24"	7					<1
							8					<1
						20"	9	Same - brown, soft, some clay, some medium gravel		M		
							10					<1
						24"	11					<1
							12	Same - brown-gray, soft, some clay, little medium sand		W		
							13	END OF BORING				
							14					
							15					
							16					
							17					
							18					
							19					
							20					
							21					
							22					
							23					
							24					
						25						
						26						

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Data ▼ Depth While Drilling 10.00'	Auger Depth 12' Rig Geoprobe	 Illinois Environmental Protection Agency
▼ Depth After Drilling N/A	Rotary Depth N/A Geologist Kyle Webb	
	Driller/Co. Enviro-dynamics	
	Note: Boring backfilled unless otherwise noted.	

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No.:				Boring Number: BB-16	Page 1 of 1				
Site Name: City of Sycamore – Harvester Square				Boring Location: 15' N of BB-13 along old rail yard loading doors in Room D (ext. SE quad) almost F.	Date: Start 8/4/04				
Address: 370 South Street Sycamore, IL					Finish 8/4/04				
Sample Device		Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description			Remarks
1	2	3	4	5	6	Concrete Floor Surface	Natural Moisture Content %	Hand Penetrometer Qu	
FOUR FOOT SPLIT-SPOON MACRO CORE		1	11"	ML	1	5-6" concrete, fill	D		<1
		2	2		2	Clayey Silt - brown, soft with clay, some sand	D		<1
		3	3		3		M		<1
		4	4		4		M		<1
		5	5		5	Same - brown	M		<1
		6	6		6		M		<1
					7	Same - brown, little clay, little medium sand, little gravel	W		<1
					8				
					9	Same - brown, trace clay/sand/gravel			
					10				
					11	VOID SPACE			
					12	1' recovery			
				13	END OF BORING				
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Data		Auger Depth 12' Rig Geoprobe							
▼ Depth While Drilling 10.00'		Rotary Depth N/A Geologist Kyle Webb							
△ Depth After Drilling N/A		Driller/Co. Enviro-dynamics							
Note: Boring backfilled unless otherwise noted.									
 Illinois Environmental Protection Agency									

LUST Incident No.:				Boring Number: BB-17	Page 1 of 1				
Site Name: City of Sycamore – Harvester Square Address: 370 South Street Sycamore, IL				Boring Location: In Room F, Extreme N-central quadrant, along wall, 15' south of it.	Date: Start 8/4/04 Finish 8/4/04				
Detailed Soil and Rock Description Concrete Floor Surface						Natural Moisture Content % Qu	Hand Penetrometer	OVA/PID/FID/OVM	Remarks
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)					
1		9"	.	1	4" concrete	D			
2				2	Fill - black silt with bricks	M		<1	<1
3		14"	ML	3	1.5' - Clayey Silt - brown, plastic, soft with clay	M		<1	<1
4		10"		4		M		<1	<1
5		18"		5		M		<1	<1
6		21"		6	Same - brown, plastic, soft, some clay, some medium sand	M		<1	<1
		24"		7					
				8					
				9					
				10					
				11					
				12					
				13	END OF BORING				
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Data		Auger Depth 12'		Rig Geoprobe		 Illinois Environmental Protection Agency			
▼ Depth While Drilling 10.00'		Rotary Depth N/A		Geologist Kyle Webb					
△ Depth After Drilling N/A		Driller/Co. Enviro-dynamics							
Note: Boring backfilled unless otherwise noted.									

LUST Incident No.:				Boring Number: BB-18	Page 1 of 1					
Site Name: City of Sycamore – Harvester Square Address: 370 South Street Sycamore, IL				Boring Location: SW quadrant of section F, near where a UST might be suspected. Almost under the catwalk.	Date: Start <u>8/5/04</u>					
					Finish <u>8/5/04</u>					
FOUR FOOT SPLIT-SPOON MACRO CORE	Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description			Remarks	
	1	9"		ML	1	Concrete Floor Surface				Natural Moisture Content %
	2	15"			2	5" concrete Fill – black, wood, oily, metal shavings				D
	3	20"			3					D
	4	24"			4	Clayey Silt – brown, soft, plastic				M
	5	17"			5					M
	6	24"			6					M
					7	Same – brown, soft, plastic				M
					8					M
					9	Same – brown, soft, some clay				M
					10					W
					11	Same – brown, trace clay, little sand				
					12					
					13	END OF BORING				
					14					
					15					
					16					
					17					
					18					
					19					
					20					
					21					
					22					
					23					
					24					
					25					
				26						
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.										
Groundwater Data		Auger Depth <u>12'</u> Rig <u>Geoprobe</u>				 Illinois Environmental Protection Agency				
▼ Depth While Drilling <u>10.00'</u>		Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>								
▽ Depth After Drilling <u>N/A</u>		Driller/Co. <u>Enviro-dynamics</u>								
		Note: Boring backfilled unless otherwise noted.								

LUST Incident No.:				Boring Number: MW-7	Page 1 of 1						
Site Name: City of Sycamore – Harvester Square				Boring Location: NE intersection of Edward Street and South Avenue near sidewalk on Blumen Garden apron.	Date: Start 8/5/04						
Address: 370 South Street Sycamore, IL					Finish 8/5/04						
Sample Number		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
1				ML	11"	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	4-5" concrete Fill – black, dry, silt, with gravel, some sand 3.5" – Clayey Silt – brown-pinkish, soft, cohesive, plastic, trace medium sand 6.5"-7.5" – coarse sand seam Clayey Silt – brown, soft, with clay, little, gravel, some medium to coarse sand Same – brown, some coarse sand seams, little gravel (round) Same – brown, silty, trace to little clay, trace sand Silty Clay	D D D M M M M M	<1 <1 <1 <1 <1 <1 <1 <1	<1 <1 <1 <1 <1 <1 <1	
2					CL	17 18 19 20 21 22 23 24 25 26	END OF BORING				
FOUR FOOT SPLIT-SPOON MACRO CORE											
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data			Auger Depth 16' Rig Geoprobe						Illinois Environmental Protection Agency		
▼ Depth While Drilling 12.00'			Rotary Depth N/A Geologist Kyle Webb								
△ Depth After Drilling N/A			Driller/Co. Enviro-dynamics								
			Note: Boring backfilled unless otherwise noted.								

LUST Incident No.:				Boring Number: MW-8	Page 1 of 1						
Site Name: City of Sycamore – Harvester Square				Boring Location: Gravel road behind Blumen Garden commons, west of 10" water line running just west of utility poles.	Date: Start <u>8/5/04</u>						
Address: 370 South Street Sycamore, IL					Finish <u>8/5/04</u>						
FOUR FOOT SPLIT-SPOON MACRO CORE	Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Q _u	OVA/PID/FID/OVM	Remarks	
	1	8"	ML	ML	8"	1	Gravel – current fill materials	1	<1	<1	
	2					2	Fill – black, sand, silt, clay, brick, coal, ashes				
	3					3	Same – black, dry				
	4					4					
	5					5					
	6					6					
						7	Clayey Silt – pinkish-tan, soft with clay, little coarse sand				
						8					
						9					
						10					
						11					
						12					
						13	END OF BORING				
						14					
						15					
						16					
						17					
						18					
						19					
						20					
						21					
						22					
						23					
						24					
						25					
	26										

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Data ▼ Depth While Drilling N/A	Auger Depth 12' Rig Geoprobe Rotary Depth N/A Geologist Kyle Webb Driller/Co. Enviro-dynamics	 Illinois Environmental Protection Agency
▼ Depth After Drilling N/A	Note: Boring backfilled unless otherwise noted.	



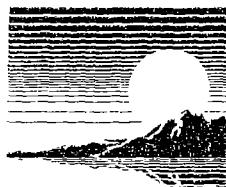
Illinois
Environmental
Protection
Agency

LUST Incident No.:				Boring Number: MW-9	Page 1 of 1						
Site Name: City of Sycamore – Harvester Square Address: 370 South Street Sycamore, IL				Boring Location: East of ivy-covered building along gravel drive east of buildings, behind building K to the west. By the green dumpster.	Date: Start <u>8/5/04</u> Finish: <u>8/5/04</u>						
Sample Number		Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
1	1			ML	14"	Dirt Fill – white, moist to wet, bank run sand and gravel Same	D		<1		
2	2				19"	Clayey Silt – brown, soft, little clay, trace fine sand, little round gravel	M		<1		
3	3				18"	Same – brown	D		<1		
4	4				24"	Same – brown, some medium sand, trace clay, wet, no gravels	M		<1		
5	5				23"	Same – gray silty, trace medium sand, little sub-round gravel, little clay	M/W		<1		
6	6				24"	Same – gray	W		<1		
7	7				23"		M		<1		
8	8				24"		M		<1		
					17	END OF BORING					
					18						
					19						
					20						
					21						
					22						
					23						
					24						
					25						
					26						
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Data			Auger Depth <u>16'</u> Rig <u>Geoprobe</u>				 Illinois Environmental Protection Agency				
▼ Depth While Drilling <u>9.50'</u>			Rotary Depth <u>N/A</u> Geologist <u>Kyle Webb</u>								
△ Depth After Drilling <u>N/A</u>			Driller/Co. <u>Enviro-dynamics</u>								
Note: Boring backfilled unless otherwise noted.											

LUST Incident No.:					Boring Number: BB-19	Page 1 of 1									
Site Name: City of Sycamore – Harvester Square					Boring Location: Interior of Mr. Mangan's Sycamore, IL office.	Date: Start 8/5/04									
Address: 370 South Street Sycamore, IL						Finish 8/5/04									
1	2	3	4	5	Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks	
					0"				1	Concrete	D?		NR		
					0"				2	Gravel – loose	D?		NR		
					6"				3		D?		<1	SAMPLE	
					24"	ML			4		M		<1		
					19"				5		M		<1		
					24"				6	Fill – sand, silt, black, sand and gravel, bits of metal, smells strange, like Windex					
									7						
									8	Clayey Silt – brown, soft, little sand, some clay, pinkish-tan					
									9						
									10						
									11	Same – brown, soft, trace coarse sand					
									12						
									13	END OF BORING					
									14						
									15						
									16						
									17						
									18						
									19						
									20						
									21						
									22						
									23						
									24						
									25						
									26						
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.															
Groundwater Data ▼ Depth While Drilling N/A		Auger Depth 12' Rig Geoprobe		Rotary Depth N/A Geologist Kyle Webb		Driller/Co. Enviro-dynamics								Illinois Environmental Protection Agency	
▼ Depth After Drilling N/A		Note: Boring backfilled unless otherwise noted.													

LUST Incident No.:				Boring Number: BB-20	Page 1 of 1
Site Name: City of Sycamore – Harvester Square				Boring Location: In City's grass easement, E ease of South Avenue, near the platform into Blackhawk's tenants property, by transmission shop's bay door. –City Property-	Date: Start 8/5/04
Address: 370 South Street Sycamore, IL					Finish 8/5/04
				Detailed Soil and Rock Description	Remarks
				Grass Surface	
				Fill – topsoil	
				1	D
				2	M
				3	M
				4	BRICK
				5	Clayey Silt – brown, soft, cohesive, plastic, some clay, trace fine sand
				6	
				7	Same – silt and medium coarse sand, trace clays
				8	
				9	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
				18	
				19	
				20	
				21	
				22	
				23	
				24	
				25	
				26	
				END OF BORING	
				Natural Moisture Content %	Hand Penetrometer
				Qu	OVA/PID/FID/OVM
FOUR FOOT SPLIT-SPOON MACRO CORE					SAMPLE
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.					
Groundwater Data		Auger Depth 8' Rig Geoprobe		 Illinois Environmental Protection Agency	
Depth While Drilling N/A		Rotary Depth N/A Geologist Kyle Webb			
Depth After Drilling N/A		Driller/Co. Enviro-dynamics			
		Note: Boring backfilled unless otherwise noted.			

ATTACHMENT 3



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

August 18, 2004

Mr. Kyle Webb
MARLIN ENVIRONMENTAL INC.
1000 W. Spring Street
South Elgin, IL 60177

Project ID: Sycamore - Brownfields Project
First Environmental File ID: 34000-28
Date Received: August 6, 2004

Dear Mr. Webb:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

PROJECT SUMMARY

Analyses were performed in accordance with the methods found in the USEPA publication: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. Specific method references are listed on the Analytical Report.

Results have been expressed on a dry weight basis per method protocol.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met. QA/QC documentation will remain on file for future reference.

I thank you for the opportunity to be of service and look forward to working with you again in the future. Should you have any questions regarding the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

William H. Mottashed
Project Manager



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34000	Date Taken:	08/02/04
Sample Description:	BB-1; 1-3'	Time Taken:	8:46
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	80.24	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/12/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



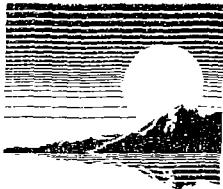
**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34000	Date Taken:	08/02/04
Sample Description:	BB-1; 1-3'	Time Taken:	8:46
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	9.7	mg/kg	08/10/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/10/04	3050B/6010B
Chromium	23.3	mg/kg	08/10/04	3050B/6010B
Copper	40.8	mg/kg	08/10/04	3050B/6010B
Lead	20.4	mg/kg	08/10/04	3050B/6010B
Mercury	0.31	mg/kg	08/11/04	7470A
Nickel	26.8	mg/kg	08/10/04	3050B/6010B
Zinc	73.4	mg/kg	08/10/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34001	Date Taken:	08/02/04
Sample Description:	BB-2; 3-5'	Time Taken:	9:07
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	86.87	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/12/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34001 Date Taken: 08/02/04
Sample Description: BB-2; 3-5' Time Taken: 9:07
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	3.5	mg/kg	08/10/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/10/04	3050B/6010B
Chromium	13.7	mg/kg	08/10/04	3050B/6010B
Copper	13.8	mg/kg	08/10/04	3050B/6010B
Lead	4.7	mg/kg	08/10/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	14.0	mg/kg	08/10/04	3050B/6010B
Zinc	29.4	mg/kg	08/10/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34002	Date Taken:	08/02/04
Sample Description:	MW-1; 3-5'	Time Taken:	9:48
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	87.55	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34002	Date Taken:	08/02/04
Sample Description:	MW-1; 3-5'	Time Taken:	9:48
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	5.4	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	18.1	mg/kg	08/12/04	3050B/6010B
Copper	27.2	mg/kg	08/12/04	3050B/6010B
Lead	10.1	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	19.9	mg/kg	08/12/04	3050B/6010B
Zinc	42.2	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34003 Date Taken: 08/02/04
Sample Description: MW-2; 1-3' Time Taken: 10:26
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	89.44	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34003	Date Taken:	08/02/04
Sample Description:	MW-2; 1-3'	Time Taken:	10:26
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	5.0	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	13.4	mg/kg	08/12/04	3050B/6010B
Copper	17.2	mg/kg	08/12/04	3050B/6010B
Lead	5.9	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	13.5	mg/kg	08/12/04	3050B/6010B
Zinc	40.4	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34004 Date Taken: 08/02/04
Sample Description: MW-3; 3-5' Time Taken: 10:49
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	88.03	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.	Date Received:	08/06/04
Project ID:	Sycamore-Brownfields Project	Date Taken:	08/02/04
Sample Number:	34004	Time Taken:	10:49
Sample Description:	MW-3; 3-5'	Date Reported:	08/18/04
Lab File ID:	34000-28		

Analyte	Result	Units	Date Analyzed	Method
Arsenic	4.2	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	17.4	mg/kg	08/12/04	3050B/6010B
Copper	19.1	mg/kg	08/12/04	3050B/6010B
Lead	6.7	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	18.5	mg/kg	08/12/04	3050B/6010B
Zinc	39.9	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34005 Date Taken: 08/02/04
Sample Description: BB-3; 3-5' Time Taken: 11:25
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	87.88	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.			
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04	
Sample Number:	34005	Date Taken:	08/02/04	
Sample Description:	BB-3; 3-5'	Time Taken:	11:25	
Lab File ID:	34000-28	Date Reported:	08/18/04	

Analyte	Result	Units	Date Analyzed	Method
Arsenic	4.1	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	17.0	mg/kg	08/12/04	3050B/6010B
Copper	20.2	mg/kg	08/12/04	3050B/6010B
Lead	7.9	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	18.7	mg/kg	08/12/04	3050B/6010B
Zinc	72.7	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34006 Date Taken: 08/02/04
Sample Description: BB-4; 3-5' Time Taken: 11:56
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	89.83	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34006	Date Taken:	08/02/04
Sample Description:	BB-4; 3-5'	Time Taken:	11:56
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	4.0	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	20.2	mg/kg	08/12/04	3050B/6010B
Copper	39.4	mg/kg	08/12/04	3050B/6010B
Lead	8.5	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	19.4	mg/kg	08/12/04	3050B/6010B
Zinc	43.0	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34007	Date Taken:	08/02/04
Sample Description:	BB-5; 3-5'	Time Taken:	1:04
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	86.17	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34007	Date Taken:	08/02/04
Sample Description:	BB-5; 3-5'	Time Taken:	1:04
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/14/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	< 8.7	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34007	Date Taken:	08/02/04
Sample Description:	BB-5; 3-5'	Time Taken:	1:04
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34007 Date Taken: 08/02/04
Sample Description: BB-5; 3-5' Time Taken: 1:04
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	9.40	units	08/09/04	9045C
Arsenic	7.5	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	12.1	mg/kg	08/12/04	3050B/6010B
Copper	16.8	mg/kg	08/12/04	3050B/6010B
Lead	8.7	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	13.8	mg/kg	08/12/04	3050B/6010B
Zinc	37.0	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34008	Date Taken:	08/02/04
Sample Description:	BB-6; 3-5'	Time Taken:	1:38
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	96.77	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34008	Date Taken:	08/02/04
Sample Description:	BB-6; 3-5'	Time Taken:	1:38
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	5.4	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	9.9	mg/kg	08/12/04	3050B/6010B
Copper	31.8	mg/kg	08/12/04	3050B/6010B
Lead	26.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	9.8	mg/kg	08/12/04	3050B/6010B
Zinc	59.7	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34009 Date Taken: 08/02/04
Sample Description: MW-4; 3-5' Time Taken: 1:57
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	80.22	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	5.3	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34009	Date Taken:	08/02/04
Sample Description:	MW-4; 3-5'	Time Taken:	1:57
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	11.7	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	30.2	mg/kg	08/12/04	3050B/6010B
Copper	53.8	mg/kg	08/12/04	3050B/6010B
Lead	74.4	mg/kg	08/12/04	3050B/6010B
Mercury	0.16	mg/kg	08/11/04	7470A
Nickel	30.0	mg/kg	08/12/04	3050B/6010B
Zinc	113	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34010 Date Taken: 08/02/04
Sample Description: BB-7; 3-5' Time Taken: 2:28
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	75.16	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	24.2	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34010	Date Taken:	08/02/04
Sample Description:	BB-7; 3-5'	Time Taken:	2:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/14/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	63	ug/kg
Pyrene	64	ug/kg
Benzo[a]anthracene	46	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	39	ug/kg
Benzo[k]fluoranthene	33	ug/kg
Benzo[a]pyrene	60	ug/kg
Indeno[1,2,3-cd]pyrene	33	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	52	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34010	Date Taken:	08/02/04
Sample Description:	BB-7; 3-5'	Time Taken:	2:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34010 Date Taken: 08/02/04
Sample Description: BB-7; 3-5' Time Taken: 2:28
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	9.02	units	08/09/04	9045C
Arsenic	7.2	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	15.8	mg/kg	08/12/04	3050B/6010B
Copper	455	mg/kg	08/12/04	3050B/6010B
Lead	864	mg/kg	08/12/04	3050B/6010B
Mercury	0.24	mg/kg	08/11/04	7470A
Nickel	16.5	mg/kg	08/12/04	3050B/6010B
Zinc	145	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34011 Date Taken: 08/02/04
Sample Description: BB-8; 3-5' Time Taken: 2:28
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	89.96	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	15.2	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	7.7	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	159	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	24.5	ug/kg
1,1,1-Trichloroethane	16.5	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	875	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34011	Date Taken:	08/02/04
Sample Description:	BB-8; 3-5'	Time Taken:	2:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	6.8	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	25.1	mg/kg	08/12/04	3050B/6010B
Copper	49.4	mg/kg	08/12/04	3050B/6010B
Lead	27.3	mg/kg	08/12/04	3050B/6010B
Mercury	0.10	mg/kg	08/11/04	7470A
Nickel	32.7	mg/kg	08/12/04	3050B/6010B
Zinc	150	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

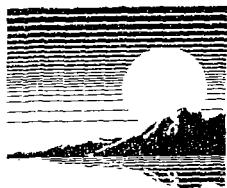
Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34012 Date Taken: 08/03/04
Sample Description: BB-9; 1-3' Time Taken: 8:48
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	75.40	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



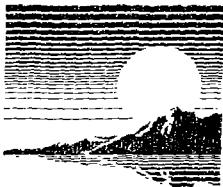
**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34012	Date Taken:	08/03/04
Sample Description:	BB-9; 1-3'	Time Taken:	8:48
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	9.2	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	24.7	mg/kg	08/12/04	3050B/6010B
Copper	17.8	mg/kg	08/12/04	3050B/6010B
Lead	15.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	18.7	mg/kg	08/12/04	3050B/6010B
Zinc	53.3	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34013	Date Taken:	08/03/04
Sample Description:	BB-10; 1-3'	Time Taken:	9:58
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	80.52	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
JL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34013	Date Taken:	08/03/04
Sample Description:	BB-10; 1-3'	Time Taken:	9:58
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	6.7	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	25.7	mg/kg	08/12/04	3050B/6010B
Copper	23.1	mg/kg	08/12/04	3050B/6010B
Lead	9.8	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	34.8	mg/kg	08/12/04	3050B/6010B
Zinc	46.8	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34014 Date Taken: 08/03/04
Sample Description: MW-5; 1-3' Time Taken: 10:25
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	78.01	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34014	Date Taken:	08/03/04
Sample Description:	MW-5; 1-3'	Time Taken:	10:25
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	8.2	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	26.7	mg/kg	08/12/04	3050B/6010B
Copper	22.9	mg/kg	08/12/04	3050B/6010B
Lead	11.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	22.8	mg/kg	08/12/04	3050B/6010B
Zinc	63.1	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34015 Date Taken: 08/03/04
Sample Description: BB-11; 1-3 Time Taken: 11:17
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	76.88	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	5.1	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34015	Date Taken:	08/03/04
Sample Description:	BB-11; 1-3'	Time Taken:	11:17
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	14.4	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	35.0	mg/kg	08/12/04	3050B/6010B
Copper	25.4	mg/kg	08/12/04	3050B/6010B
Lead	21.8	mg/kg	08/12/04	3050B/6010B
Mercury	0.06	mg/kg	08/11/04	7470A
Nickel	45.6	mg/kg	08/12/04	3050B/6010B
Zinc	66.4	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34016	Date Taken:	08/03/04
Sample Description:	BB-12; 1-3'	Time Taken:	11:50
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	79.75	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	30.2	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



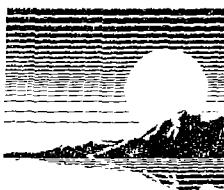
First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34016	Date Taken:	08/03/04
Sample Description:	BB-12; 1-3'	Time Taken:	11:50
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	10.3	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	114	mg/kg	08/12/04	3050B/6010B
Copper	35.3	mg/kg	08/12/04	3050B/6010B
Lead	92.2	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	23.0	mg/kg	08/12/04	3050B/6010B
Zinc	73.9	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34017 Date Taken: 08/03/04
Sample Description: BB-13; 1-3' Time Taken: 1:09
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	82.04	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	7.8	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34017	Date Taken:	08/03/04
Sample Description:	BB-13; 1-3'	Time Taken:	1:09
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/13/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	< 8.7	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34017	Date Taken:	08/03/04
Sample Description:	BB-13; 1-3'	Time Taken:	1:09
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34017 Date Taken: 08/03/04
Sample Description: BB-13; 1-3' Time Taken: 1:09
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	9.51	units	08/09/04	9045C
Arsenic	7.3	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	21.9	mg/kg	08/12/04	3050B/6010B
Copper	22.2	mg/kg	08/12/04	3050B/6010B
Lead	10.4	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	24.1	mg/kg	08/12/04	3050B/6010B
Zinc	48.3	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34018	Date Taken:	08/03/04
Sample Description:	MW-6; 1-3'	Time Taken:	1:50
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	82.73	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



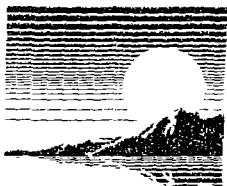
**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34018	Date Taken:	08/03/04
Sample Description:	MW-6; 1-3'	Time Taken:	1:50
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	11.7	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	31.6	mg/kg	08/12/04	3050B/6010B
Copper	195	mg/kg	08/12/04	3050B/6010B
Lead	51.7	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	66.2	mg/kg	08/12/04	3050B/6010B
Zinc	82.0	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

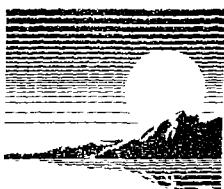
Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34019	Date Taken:	08/04/04
Sample Description:	BB-14; 1-3'	Time Taken:	9:07
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	89.81	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34019	Date Taken:	08/04/04
Sample Description:	BB-14; 1-3'	Time Taken:	9:07
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/13/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	< 8.7	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34019	Date Taken:	08/04/04
Sample Description:	BB-14; 1-3'	Time Taken:	9:07
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34019	Date Taken:	08/04/04
Sample Description:	BB-14; 1-3'	Time Taken:	9:07
Lab File ID:	34000-28	Date Reported:	08/18/04

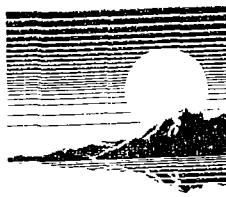
Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	9.94	units	08/09/04	9045C
Arsenic	3.7	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	22.0	mg/kg	08/12/04	3050B/6010B
Copper	18.0	mg/kg	08/12/04	3050B/6010B
Lead	6.5	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	19.2	mg/kg	08/12/04	3050B/6010B
Zinc	37.6	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34020 Date Taken: 08/04/04
Sample Description: BB-15; 1-3' Time Taken: 9:58
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	78.93	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 10.0	ug/kg
Chloroethane	< 5.0	ug/kg
Chloroform	< 10.0	ug/kg
Chloromethane	< 5.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 10.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 5.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34020	Date Taken:	08/04/04
Sample Description:	BB-15; 1-3'	Time Taken:	9:58
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	9.5	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	24.5	mg/kg	08/12/04	3050B/6010B
Copper	26.4	mg/kg	08/12/04	3050B/6010B
Lead	15.4	mg/kg	08/12/04	3050B/6010B
Mercury	0.07	mg/kg	08/11/04	7470A
Nickel	21.3	mg/kg	08/12/04	3050B/6010B
Zinc	57.4	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34021 Date Taken: 08/04/04
Sample Description: BB-16; 1-3' Time Taken: 10:26
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	85.59	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34021 Date Taken: 08/04/04
Sample Description: BB-16; 1-3' Time Taken: 10:26
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/14/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	< 8.7	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



First Environmental Laboratories, Inc.

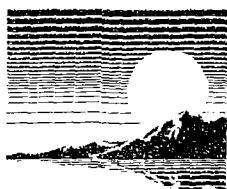
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project
Sample Number: 34021
Sample Description: BB-16; 1-3'
Lab File ID: 34000-28

Date Received: 08/06/04
Date Taken: 08/04/04
Time Taken: 10:26
Date Reported: 08/18/04

Analyte	Result	Units
4-Chloro-3-methylphenol	< 330	ug/kg
2-Chloronaphthalene	< 330	ug/kg
2-Chlorophenol	< 330	ug/kg
4-Chlorophenyl-phenylether	< 330	ug/kg
Dibenzofuran	< 330	ug/kg
1,2-Dichlorobenzene	< 330	ug/kg
1,3-Dichlorobenzene	< 330	ug/kg
1,4-Dichlorobenzene	< 660	ug/kg
3,3'-Dichlorobenzidine	< 330	ug/kg
2,4-Dichlorophenol	< 330	ug/kg
Diethylphthalate	< 330	ug/kg
2,4-Dimethylphenol	< 330	ug/kg
Dimethylphthalate	< 330	ug/kg
Di-n-butylphthalate	< 1,600	ug/kg
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg
2,4-Dinitrophenol	< 250	ug/kg
2,4-Dinitrotoluene	< 260	ug/kg
2,6-Dinitrotoluene	< 330	ug/kg
Di-n-octylphthalate	< 330	ug/kg
Hexachlorobenzene	< 330	ug/kg
Hexachlorobutadiene	< 330	ug/kg
Hexachlorocyclopentadiene	< 330	ug/kg
Hexachloroethane	< 330	ug/kg
Isophorone	< 330	ug/kg
2-Methylnaphthalene	< 330	ug/kg
2-Methylphenol	< 330	ug/kg
3&4-Methylphenol	< 1,600	ug/kg
2-Nitroaniline	< 1,600	ug/kg
3-Nitroaniline	< 1,600	ug/kg
4-Nitroaniline	< 260	ug/kg
Nitrobenzene	< 1,600	ug/kg
2-Nitrophenol	< 1,600	ug/kg
4-Nitrophenol	< 330	ug/kg
N-Nitrosodimethylamine	< 330	ug/kg
N-Nitroso-di-n-propylamine	< 330	ug/kg
n-Nitrosodiphenylamine	< 330	ug/kg
Pentachlorophenol	< 330	ug/kg
Phenol	< 330	ug/kg
1,2,4-Trichlorobenzene	< 660	ug/kg
2,4,5-Trichlorophenol	< 330	ug/kg
2,4,6-Trichlorophenol	< 330	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34022 Date Taken: 08/04/04
Sample Description: BB-17; 1-3' Time Taken: 11:08
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	76.24	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34021	Date Taken:	08/04/04
Sample Description:	BB-16; 1-3'	Time Taken:	10:26
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	9.05	units	08/09/04	9045C
Arsenic	4.3	mg/kg	08/12/04	3050B/6010B
Cadmium	61.1	mg/kg	08/12/04	3050B/6010B
Chromium	15.4	mg/kg	08/12/04	3050B/6010B
Copper	16.7	mg/kg	08/12/04	3050B/6010B
Lead	6.8	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	17.5	mg/kg	08/12/04	3050B/6010B
Zinc	35.2	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34022	Date Taken:	08/04/04
Sample Description:	BB-17; 1-3'	Time Taken:	11:08
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	6.3	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	22.5	mg/kg	08/12/04	3050B/6010B
Copper	22.7	mg/kg	08/12/04	3050B/6010B
Lead	29.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	17.6	mg/kg	08/12/04	3050B/6010B
Zinc	65.7	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34023	Date Taken:	08/04/04
Sample Description:	BB-18; 1-3'	Time Taken:	11:53
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	78.46	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34023	Date Taken:	08/04/04
Sample Description:	BB-18; 1-3'	Time Taken:	11:53
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

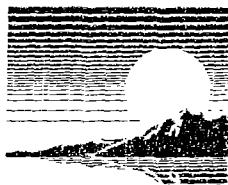
Preparation Date: 08/11/04
Analysis Date: 08/13/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	9.2	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



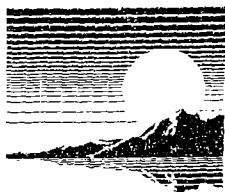
First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34023	Date Taken:	08/04/04
Sample Description:	BB-18; 1-3'	Time Taken:	11:53
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34023	Date Taken:	08/04/04
Sample Description:	BB-18; 1-3'	Time Taken:	11:53
Lab File ID:	34000-28	Date Reported:	08/18/04

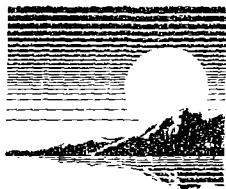
Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	8.54	units	08/09/04	9045C
Arsenic	14.2	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	27.0	mg/kg	08/12/04	3050B/6010B
Copper	29.2	mg/kg	08/12/04	3050B/6010B
Lead	24.8	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	42.8	mg/kg	08/12/04	3050B/6010B
Zinc	65.6	mg/kg	08/12/04	3050B/6010B



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34024	Date Taken:	08/05/04
Sample Description:	BB-19; 4-5'	Time Taken:	1:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	79.01	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34024 Date Taken: 08/05/04
Sample Description: BB-19; 4-5' Time Taken: 1:28
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/13/04

Naphthalene	< 25	ug/kg
Acenaphthylene	< 50	ug/kg
Acenaphthene	< 50	ug/kg
Fluorene	< 50	ug/kg
Phenanthrene	< 50	ug/kg
Anthracene	< 50	ug/kg
Fluoranthene	< 50	ug/kg
Pyrene	< 50	ug/kg
Benzo[a]anthracene	< 8.7	ug/kg
Chrysene	< 50	ug/kg
Benzo[b]fluoranthene	< 11	ug/kg
Benzo[k]fluoranthene	< 11	ug/kg
Benzo[a]pyrene	< 15	ug/kg
Indeno[1,2,3-cd]pyrene	< 29	ug/kg
Dibenz[a,h]anthracene	< 20	ug/kg
Benzo[g,h,i]perylene	< 50	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/15/04

Benzidine	< 330	ug/kg
Benzoic Acid	< 330	ug/kg
Benzyl alcohol	< 330	ug/kg
bis(2-Chloroethoxy)methane	< 330	ug/kg
bis(2-Chloroethyl)ether	< 330	ug/kg
bis(2-chloroisopropyl)ether	< 330	ug/kg
bis(2-Ethylhexyl)phthalate	< 330	ug/kg
4-Bromophenyl-phenylether	< 330	ug/kg
Butylbenzylphthalate	< 330	ug/kg
Carbazole	< 330	ug/kg
4-Chloroaniline	< 330	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34024	Date Taken:	08/05/04
Sample Description:	BB-19; 4-5'	Time Taken:	1:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
2-Chlorophenol	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
2,4-Dichlorophenol	< 330	ug/kg	
Diethylphthalate	< 330	ug/kg	
2,4-Dimethylphenol	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	ug/kg	
2,4-Dinitrophenol	< 1,600	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
2-Methylphenol	< 330	ug/kg	
3&4-Methylphenol	< 330	ug/kg	
2-Nitroaniline	< 1,600	ug/kg	
3-Nitroaniline	< 1,600	ug/kg	
4-Nitroaniline	< 1,600	ug/kg	
Nitrobenzene	< 260	ug/kg	
2-Nitrophenol	< 1,600	ug/kg	
4-Nitrophenol	< 1,600	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Pentachlorophenol	< 330	ug/kg	
Phenol	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	
2,4,5-Trichlorophenol	< 660	ug/kg	
2,4,6-Trichlorophenol	< 330	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34024	Date Taken:	08/05/04
Sample Description:	BB-19; 4-5'	Time Taken:	1:28
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	8.81	units	08/09/04	9045C
Arsenic	5.3	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	14.4	mg/kg	08/12/04	3050B/6010B
Copper	15.3	mg/kg	08/12/04	3050B/6010B
Lead	13.5	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	18.7	mg/kg	08/12/04	3050B/6010B
Zinc	36.3	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34025 Date Taken: 08/05/04
Sample Description: MW-7; 1-3' Time Taken: 9:14
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	78.51	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34025	Date Taken:	08/05/04
Sample Description:	MW-7; 1-3'	Time Taken:	9:14
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	24.1	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	29.1	mg/kg	08/12/04	3050B/6010B
Copper	31.6	mg/kg	08/12/04	3050B/6010B
Lead	31.4	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	55.9	mg/kg	08/12/04	3050B/6010B
Zinc	72.7	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34026 Date Taken: 08/05/04
Sample Description: MW-8; 2-4' Time Taken: 2:13
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	92.00	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34026	Date Taken:	08/05/04
Sample Description:	MW-8; 2-4'	Time Taken:	2:13
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

Polynuclear Aromatic Compounds Method 3540C/8270C

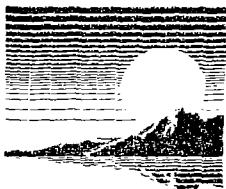
Preparation Date: 08/11/04
Analysis Date: 08/13/04

Naphthalene	257,000	ug/kg
Acenaphthylene	36,200	ug/kg
Acenaphthene	470,000	ug/kg
Fluorene	411,000	ug/kg
Phenanthrene	3,270,000	ug/kg
Anthracene	770,000	ug/kg
Fluoranthene	3,200,000	ug/kg
Pyrene	2,990,000	ug/kg
Benzo[a]anthracene	1,340,000	ug/kg
Chrysene	1,240,000	ug/kg
Benzo[b]fluoranthene	816,000	ug/kg
Benzo[k]fluoranthene	1,030,000	ug/kg
Benzo[a]pyrene	1,230,000	ug/kg
Indeno[1,2,3-cd]pyrene	662,000	ug/kg
Dibenz[a,h]anthracene	208,000	ug/kg
Benzo[g,h,i]perylene	569,000	ug/kg

Base-Neutral/Acid Compounds Method 3540C/8270C

Preparation Date: 08/11/04
Analysis Date: 08/16/04

Benzidine	< 16,500	ug/kg
Benzoic Acid	< 16,500	ug/kg
Benzyl alcohol	< 16,500	ug/kg
bis(2-Chloroethoxy)methane	< 16,500	ug/kg
bis(2-Chloroethyl)ether	< 16,500	ug/kg
bis(2-chloroisopropyl)ether	< 16,500	ug/kg
bis(2-Ethylhexyl)phthalate	< 16,500	ug/kg
4-Bromophenyl-phenylether	< 16,500	ug/kg
Butylbenzylphthalate	< 16,500	ug/kg
Carbazole	214,000	ug/kg
4-Chloroaniline	< 16,500	ug/kg



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34026	Date Taken:	08/05/04
Sample Description:	MW-8; 2-4'	Time Taken:	2:13
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
4-Chloro-3-methylphenol	< 16,500	ug/kg	
2-Chloronaphthalene	< 16,500	ug/kg	
2-Chlorophenol	< 16,500	ug/kg	
4-Chlorophenyl-phenylether	< 16,500	ug/kg	
Dibenzofuran	286,000	ug/kg	
1,2-Dichlorobenzene	< 16,500	ug/kg	
1,3-Dichlorobenzene	< 16,500	ug/kg	
1,4-Dichlorobenzene	< 16,500	ug/kg	
3,3'-Dichlorobenzidine	< 33,000	ug/kg	
2,4-Dichlorophenol	< 16,500	ug/kg	
Diethylphthalate	< 16,500	ug/kg	
2,4-Dimethylphenol	< 16,500	ug/kg	
Dimethylphthalate	< 16,500	ug/kg	
Di-n-butylphthalate	< 16,500	ug/kg	
4,6-Dinitro-2-methylphenol	< 80,000	ug/kg	
2,4-Dinitrophenol	< 80,000	ug/kg	
2,4-Dinitrotoluene	< 12,500	ug/kg	
2,6-Dinitrotoluene	< 13,000	ug/kg	
Di-n-octylphthalate	< 16,500	ug/kg	
Hexachlorobenzene	< 16,500	ug/kg	
Hexachlorobutadiene	< 16,500	ug/kg	
Hexachlorocyclopentadiene	< 16,500	ug/kg	
Hexachloroethane	< 16,500	ug/kg	
Isophorone	< 16,500	ug/kg	
2-Methylnaphthalene	120,000	ug/kg	
2-Methylphenol	< 16,500	ug/kg	
3&4-Methylphenol	< 16,500	ug/kg	
2-Nitroaniline	< 80,000	ug/kg	
3-Nitroaniline	< 80,000	ug/kg	
4-Nitroaniline	< 80,000	ug/kg	
Nitrobenzene	< 13,000	ug/kg	
2-Nitrophenol	< 80,000	ug/kg	
4-Nitrophenol	< 80,000	ug/kg	
N-Nitrosodimethylamine	< 16,500	ug/kg	
N-Nitroso-di-n-propylamine	< 16,500	ug/kg	
n-Nitrosodiphenylamine	< 16,500	ug/kg	
Pentachlorophenol	< 16,500	ug/kg	
Phenol	< 16,500	ug/kg	
1,2,4-Trichlorobenzene	< 16,500	ug/kg	
2,4,5-Trichlorophenol	< 33,000	ug/kg	
2,4,6-Trichlorophenol	< 16,500	ug/kg	



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34026	Date Taken:	08/05/04
Sample Description:	MW-8; 2-4'	Time Taken:	2:13
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
---------	--------	-------	-------

PCBs Method 3540C/8082

Preparation Date: 08/09/04
Date Analyzed: 08/17/04

Aroclor 1016	< 80.0	ug/kg
Aroclor 1221	< 80.0	ug/kg
Aroclor 1232	< 80.0	ug/kg
Aroclor 1242	< 80.0	ug/kg
Aroclor 1248	< 80.0	ug/kg
Aroclor 1254	< 160	ug/kg
Aroclor 1260	< 160	ug/kg

Analyte	Result	Units	Date Analyzed	Method
pH @ 25°C (1:10)	7.64	units	08/09/04	9045C
Arsenic	21.0	mg/kg	08/12/04	3050B/6010B
Cadmium	0.9	mg/kg	08/12/04	3050B/6010B
Chromium	12.4	mg/kg	08/12/04	3050B/6010B
Copper	108	mg/kg	08/12/04	3050B/6010B
Lead	222	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	46.2	mg/kg	08/12/04	3050B/6010B
Zinc	184	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: MARLIN ENVIRONMENTAL, INC.
Project ID: Sycamore-Brownfields Project Date Received: 08/06/04
Sample Number: 34027 Date Taken: 08/05/04
Sample Description: MW-9; 1-3' Time Taken: 10:26
Lab File ID: 34000-28 Date Reported: 08/18/04

Analyte	Result	Units	Flags
Solids, Total	88.99	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethylene	< 5.0	ug/kg
cis-1,2-Dichloroethylene	< 5.0	ug/kg
trans-1,2-Dichloroethylene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethylene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethylene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34027	Date Taken:	08/05/04
Sample Description:	MW-9; 1-3'	Time Taken:	10:26
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	3.0	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	4.4	mg/kg	08/12/04	3050B/6010B
Copper	38.7	mg/kg	08/12/04	3050B/6010B
Lead	7.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	5.0	mg/kg	08/12/04	3050B/6010B
Zinc	21.8	mg/kg	08/12/04	3050B/6010B



First Environmental Laboratories, Inc.

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34028	Date Taken:	08/05/04
Sample Description:	BB-20; 2-4'	Time Taken:	3:18
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Flags
Solids, Total	78.98	%	

Volatile Organic Compounds Method 5035A/8260B

Analysis Date: 08/13/04

Acetone	< 10.0	ug/kg
Benzene	< 5.0	ug/kg
Bromodichloromethane	< 5.0	ug/kg
Bromoform	< 5.0	ug/kg
Bromomethane	< 10.0	ug/kg
2-Butanone	< 10.0	ug/kg
Carbon disulfide	< 5.0	ug/kg
Carbon tetrachloride	< 5.0	ug/kg
Chlorobenzene	< 5.0	ug/kg
Chlorodibromomethane	< 5.0	ug/kg
Chloroethane	< 10.0	ug/kg
Chloroform	< 5.0	ug/kg
Chloromethane	< 10.0	ug/kg
1,1-Dichloroethane	< 5.0	ug/kg
1,2-Dichloroethane	< 5.0	ug/kg
1,1-Dichloroethene	< 5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	ug/kg
1,2-Dichloropropane	< 5.0	ug/kg
cis-1,3-Dichloropropene	< 5.0	ug/kg
trans-1,3-Dichloropropene	< 5.0	ug/kg
Ethyl benzene	< 5.0	ug/kg
2-Hexanone	< 10.0	ug/kg
4-Methyl-2-pentanone	< 10.0	ug/kg
Methylene chloride	< 5.0	ug/kg
MTBE	< 5.0	ug/kg
Styrene	< 5.0	ug/kg
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg
Tetrachloroethene	< 5.0	ug/kg
Toluene	< 5.0	ug/kg
1,1,1-Trichloroethane	< 5.0	ug/kg
1,1,2-Trichloroethane	< 5.0	ug/kg
Trichloroethene	< 5.0	ug/kg
Vinyl Acetate	< 10.0	ug/kg
Vinyl Chloride	< 10.0	ug/kg
Xylenes (total)	< 5.0	ug/kg



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	MARLIN ENVIRONMENTAL, INC.		
Project ID:	Sycamore-Brownfields Project	Date Received:	08/06/04
Sample Number:	34028	Date Taken:	08/05/04
Sample Description:	BB-20; 2-4'	Time Taken:	3:18
Lab File ID:	34000-28	Date Reported:	08/18/04

Analyte	Result	Units	Date Analyzed	Method
Arsenic	12.7	mg/kg	08/12/04	3050B/6010B
Cadmium	<0.1	mg/kg	08/12/04	3050B/6010B
Chromium	26.8	mg/kg	08/12/04	3050B/6010B
Copper	24.8	mg/kg	08/12/04	3050B/6010B
Lead	18.3	mg/kg	08/12/04	3050B/6010B
Mercury	<0.05	mg/kg	08/11/04	7470A
Nickel	27.3	mg/kg	08/12/04	3050B/6010B
Zinc	59.1	mg/kg	08/12/04	3050B/6010B